

Visual Studio Code

Installing, Configuring & Using

R. Scott Granneman & Jans Carton

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Slides

[granneman.com/downloads/web-dev/
HTML-Overview-Condensed.pdf](http://granneman.com/downloads/web-dev/HTML-Overview-Condensed.pdf)

chnsa.ws/html-condensed-slides



Notes

[granneman.com/downloads/web-dev/
HTML-Overview-Condensed.txt](http://granneman.com/downloads/web-dev/HTML-Overview-Condensed.txt)

chnsa.ws/html-condensed-notes




All of my presentations

granneman.com/presentations/all-presentations

chnsa.ws/all-presentations

Before
we begin...

Main Project Folder



Is there a god?
What's the meaning
of life? And where should
my Web projects files go?

We need a place to store all your project work

Go to your **Documents** folder

Create a new folder named exactly **Web Dev Projects**



Favorites

- rsgranne
- Desktop
- Dropbox
- Documents
- Downloads
- Applications
- Photos
- Library
- AirDrop
- Recents
- Inbox
- DEVONthink PDF
- Git
- Web Dev Projects
- WebSanity
- Collections

1

- Applications
- Applications (Parallels)
- bin
- Calibre Library
- Databases
- Desktop
- Documents
- Downloads
- Dropbox
- Library
- Movies
- Music
- Parallels
- Pictures
- Public

2

- Classes
- Clientele
- CSOATS
- Documentation
- Git
- Indigo
- Presentations
- Propaganda
- Reading
- Scott
- Web Dev Projects
- Web Dev Teaching
- WebSanity
- Zoom

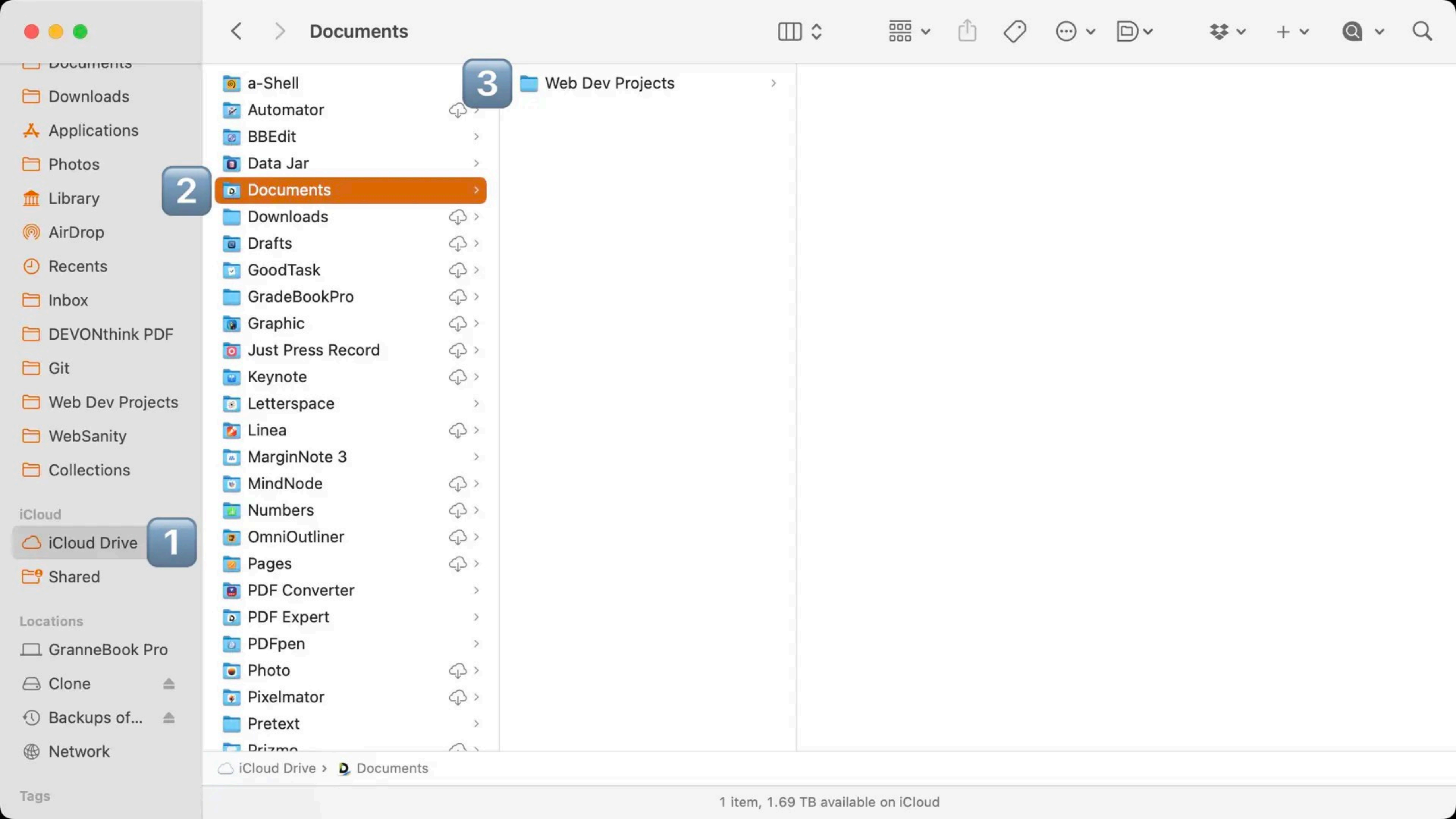
- +Frameworks
- +Templates
- +Warehouse
- abc
- accordion
- alert-bar
- amp-phpmyadmin
- auto-images-after-links
- background-image
- background-media
- bootstrap-5-101
- bootstrap-5-101-webster
- bootstrap-5.0.2-examples
- cascade
- centering
- colors
- colors-tu
- colostomo-final
- columns
- cpg
- csoats
- css-to-scss
- custom-properties
- facebook-form
- fancy-borders
- fancybox

Locations

- GranneBook Pro

If you are *not* using your own computer, go to a cloud drive (e.g., Dropbox, iCloud Drive, One Drive, Box, or Google Drive)

Create a new folder named exactly **Web Dev Projects** inside a **Documents** folder (create the **Documents** folder if it doesn't already exist)

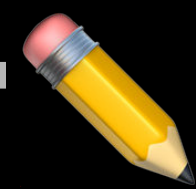




Sometimes cloud drives like to move some or all of your files in them off your computer & into the Cloud

Result? Your pages don't work because key files are no longer on your computer

Fix: re-download all files

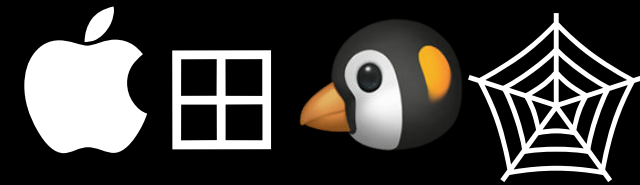


SIDE NOTE

For a video about this process, see *Visual Studio Code - Initial Info - Main Project Folder* at vimeo.com/758991172

Why VS
Code?

Cross-platform



Powerful

Free

I've always been looking for an editor that met all 3 criteria — with VS Code, I found it

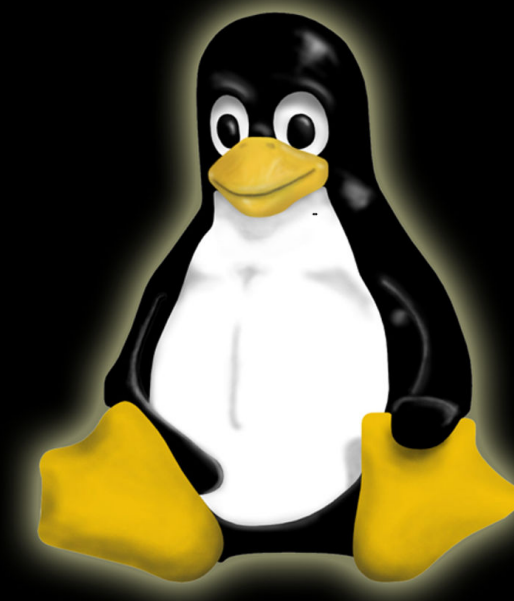
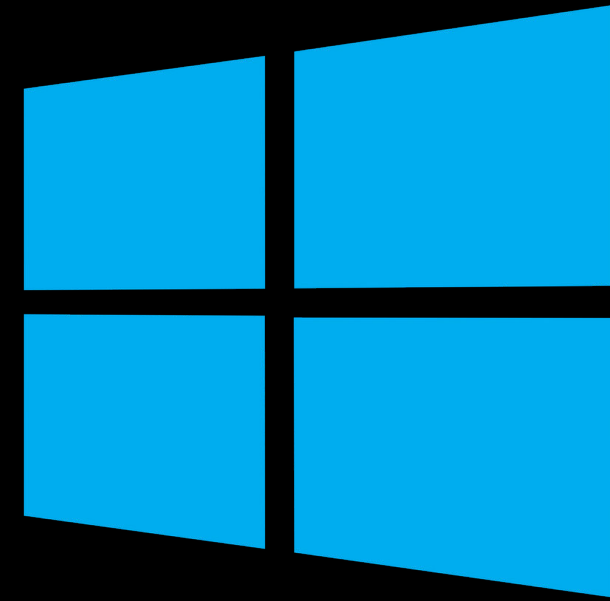
Visual Studio Code is a powerful source code editor

- » Debugging
- » Embedded Git control
- » Syntax highlighting
- » Intelligent code completion
- » Snippets
- » Code refactoring
- » Highly customizable theme, keyboard shortcuts, & preferences
- » Updated every month!

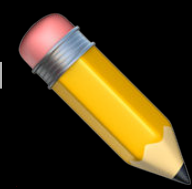
Visual Studio Code	74%
Visual Studio	28%
IntelliJ IDEA	27%
Notepad++	25%
Vim	22%
Android Studio	17%
PyCharm	15%
Jupyter Notebook	13%
Sublime Text	13%
Neovim	12%

Most popular developer
IDEs according to 2023
Stack Overflow Developer
Survey

Installation



VS Code is available for download at
code.visualstudio.com



SIDE NOTE

Microsoft also makes a developers' tool named Visual Studio for those who code in .NET & C++ (& many other languages) that dates back to 1997

Visual Studio \neq Visual Studio Code

Yes, this is confusing

Make sure you are using Visual Studio Code!

Version 1.24 is now available! Read about the new features and fixes from May.

Code editing. Redefined.

Free. Open source. Runs everywhere.

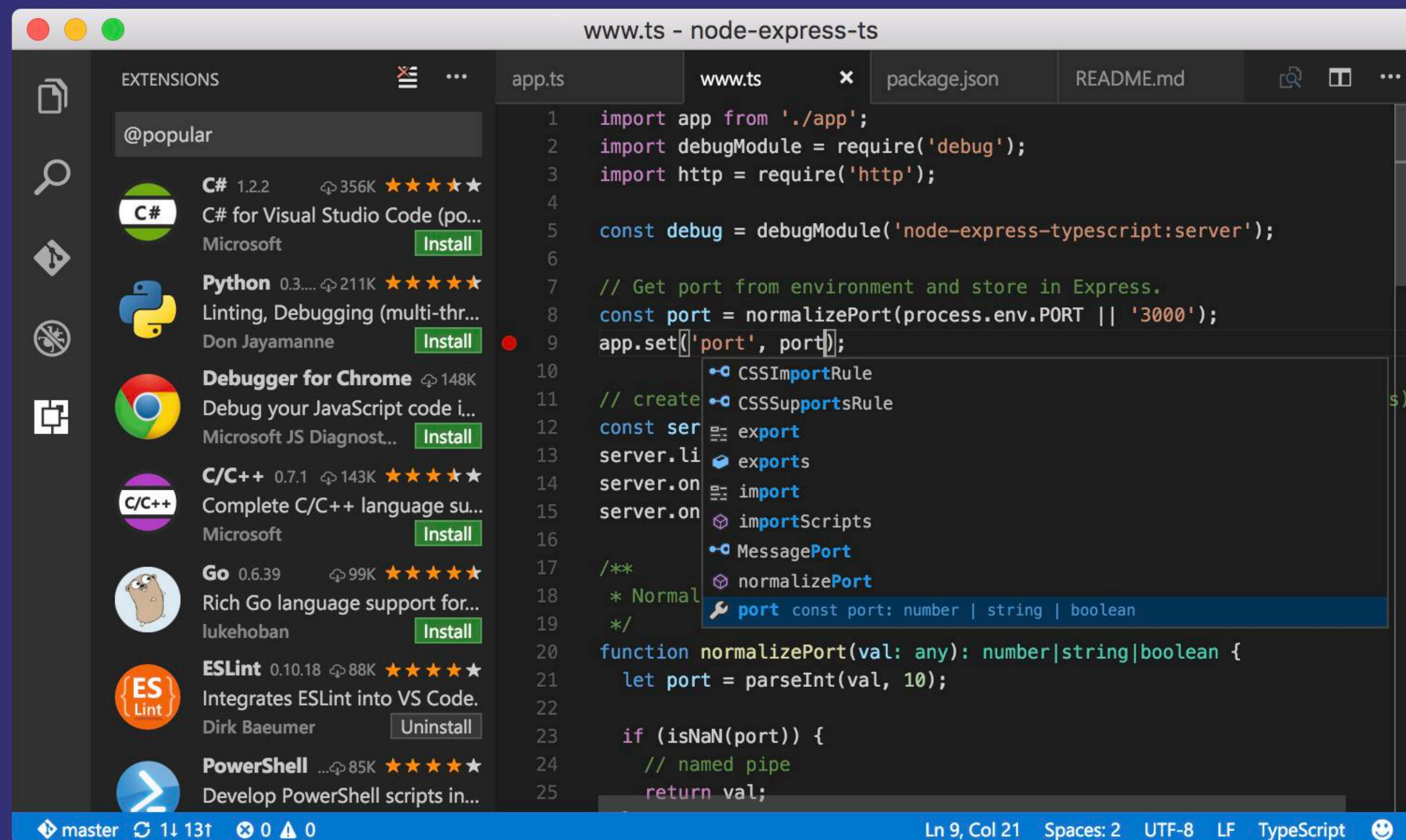
Download for Mac
Stable Build

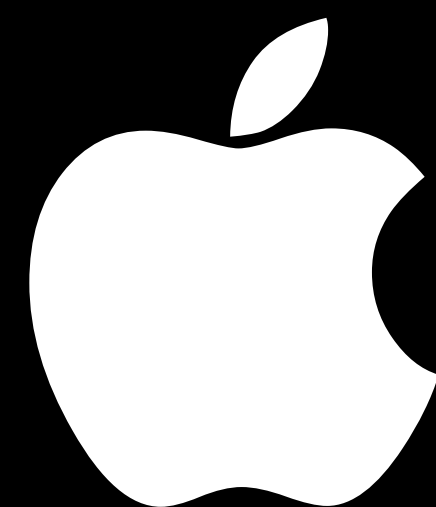


Other platforms and Insiders Edition

By using VS Code, you agree to its
license and privacy statement.

Click this





A file named something like `vSCode-darwin-stable.zip` will appear in Downloads

Double-click on the ZIP file & a few moments later you will see `Visual Studio Code.app`

rsgranne

Desktop

Dropbox

Documents

Downloads

Applications

Photos

Pictures

Library

iCloud Drive

AirDrop

Recents

Inbox

DEVONthink PDF

Git

WebSanity

ScottBook Pro

Remote Disc

BOOTCAMP

Downloads

Search

Name	Size	Kind	Date Added
+LOONEY	20.18 GB	Folder	2018-04-30
Books	1.95 GB	Folder	2018-04-30
canstockphoto31725853.jpg	2 MB	JPEG image	2018-05-10
Comics	745 KB	Folder	2018-04-30
Denise	4.3 MB	Folder	2018-05-03
facebook-scottgranneman.zip	7.6 MB	ZIP archive	2018-05-22
icomoon_12_icons.zip	106 KB	ZIP archive	2018-05-23
icomoon_12_icons.zip Folder	103 KB	Folder	2018-05-23
MacUpdate Desktop	100.9 MB	Folder	2018-04-30
Mobility.oo3	57 KB	Omni...iner 3	2018-04-30
Oasis	263.6 MB	Folder	2018-04-30
Oasis Test.json	492 KB	JSON	2018-05-23
us.sitesucker.mac.sitesucker	Zero KB	Folder	2018-05-02
Visual Studio Code.app	208.7 MB	Application	2018-06-11
VSCode-darwin-stable.zip	71.9 MB	ZIP archive	2018-06-11
WebSanity	29 MB	Folder	2018-04-30

Macintosh HD > Users > rsgranne > Downloads > Visual Studio Code.app

1 of 16 selected, 161.21 GB available

Drag VS Code into the Applications folder

Toss the ZIP file into the Trash (or just select the file & press ⌘⌫)



A file named something like `VSCodeSetup-x64-1.24.0.exe` will download

Double-click on the EXE installer

If you're asked if you want to “allow the following program to install software on this computer”, click Yes

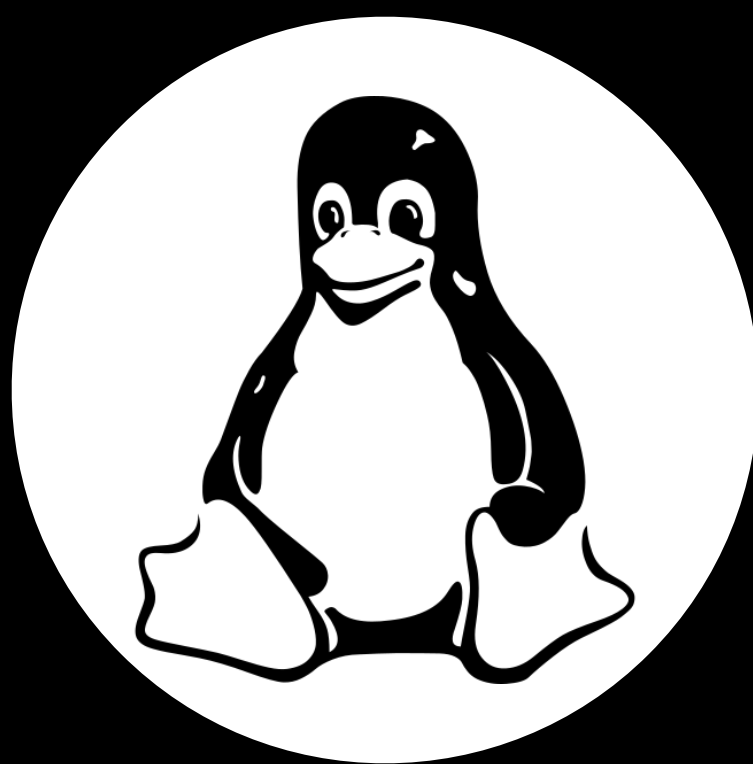
Click Next

Accept the agreement

Click on Next until you click on Install

Click Finish

Toss the EXE installer into the Recycle Bin



A file named something like `code_1.38.0-1567547996_
amd64.deb` will download

Debian/Ubuntu: `sudo apt install ./<file>.deb`

Installing the `.deb` package automatically installs the APT repository & signing key to enable auto-updating using your system's package manager

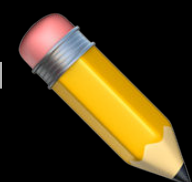
Snap: `sudo snap install --classic code`

RHEL, Fedora, & CentOS: `sudo dnf install code` or
`sudo yum install code`

openSUSE & SLE-based: `sudo zypper install code`

Arch: `makepkg -si visual-studio-code-bin`

Nix: `nix-env -i vscode`



SIDE NOTE

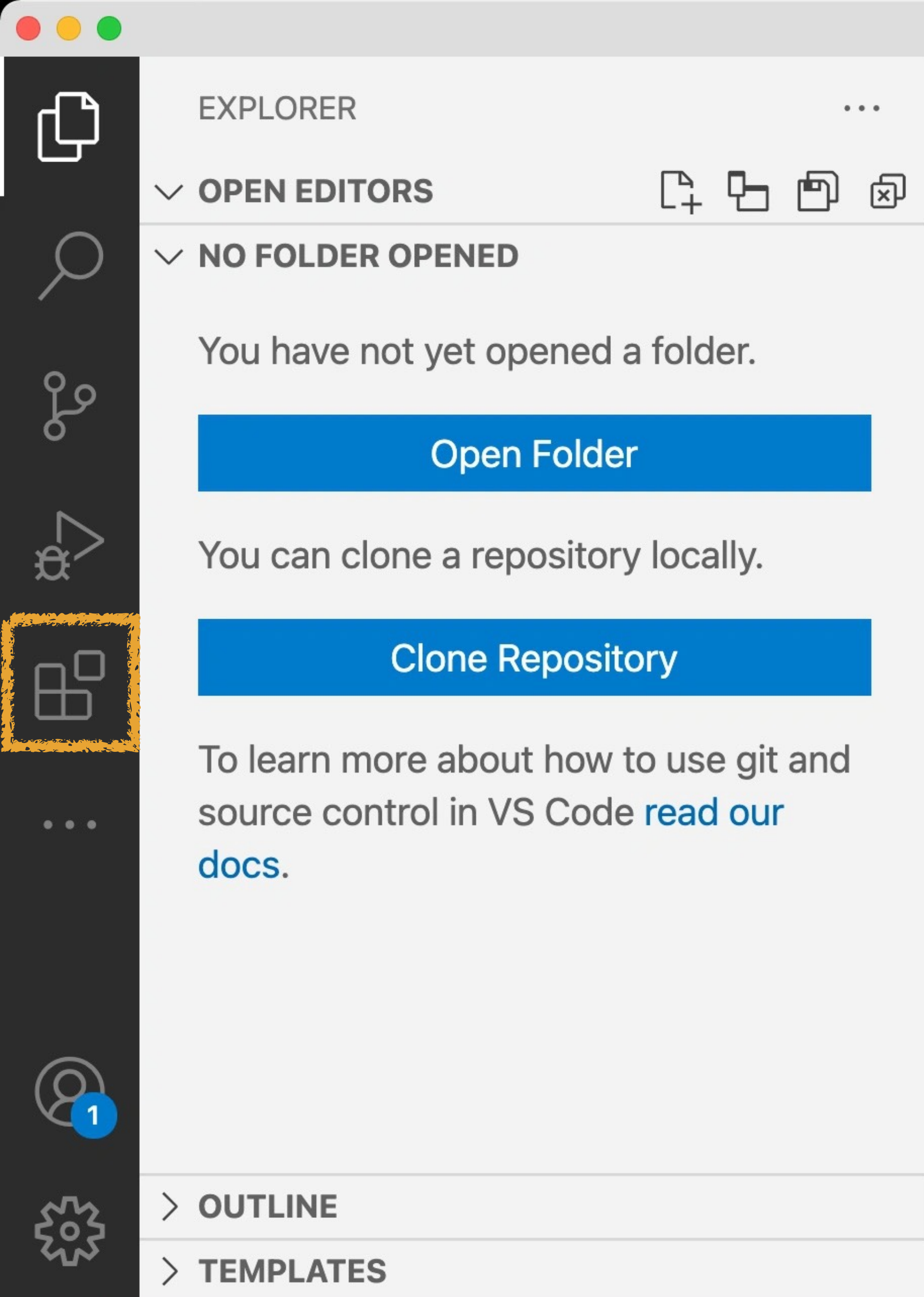
You can also run Visual Studio Code in your Web browser — yes, really!


Information about that is in the *Bonus* section at the end

You should have VS Code installed — now open it

GrannePacks

VS Code does a *lot* out-of-the-box, but you can add on almost any feature you can think of via extensions



Go to the *Extensions View* of VS Code by clicking on the 5th icon down () on the *Activity Bar* on the left side of VS Code

You could also:

- » View > Extensions
- » Press   X / Ctrl+Shift+X

You can install extensions one at a time, or you can install an *extension pack* that installs several at once

EXTENSIONS: MARKETPLACE

granne

- GrannePack Git**
Git-related extensions for Scott Gr...
granneman
- GrannePack CSS**
CSS-related extensions for Scott G...
granneman
- GrannePack HTML**
HTML-related extensions for Scott ...
granneman
- GrannePack Markdown**
Markdown-related extensions for S...
granneman
- GrannePack Web Dev Snippets**
HTML-, CSS-, & SCSS-related snip...
granneman

1 Search for **granne**

2 Install these 3 extensions

Using
vs Code

Let's take a tour of
Visual Studio Code



The User Interface



EXPLORER



5 index.html 4

⚙ Settings

 main.css 2

▼ OPEN EDITORS

×  index.html 4

⚙️ Settings

 main.css css 2

✓ HERBERT-WEST-LANDSCAPING

>  .vscode

▼ CSS

 main.css 2

>  images

>  products

 contact.html

index.html 4

 projects.html services.html

> OUTLINE

> TIMELINE

> TEMPLATES

index.html > html > body > main > p > img

And that the wild Shoggoths only ate one of our dogs.”

48

49

50

51

```

```

52

</p>

53

The Torrance Family

54

<p>

55

“**We** couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles...”

56

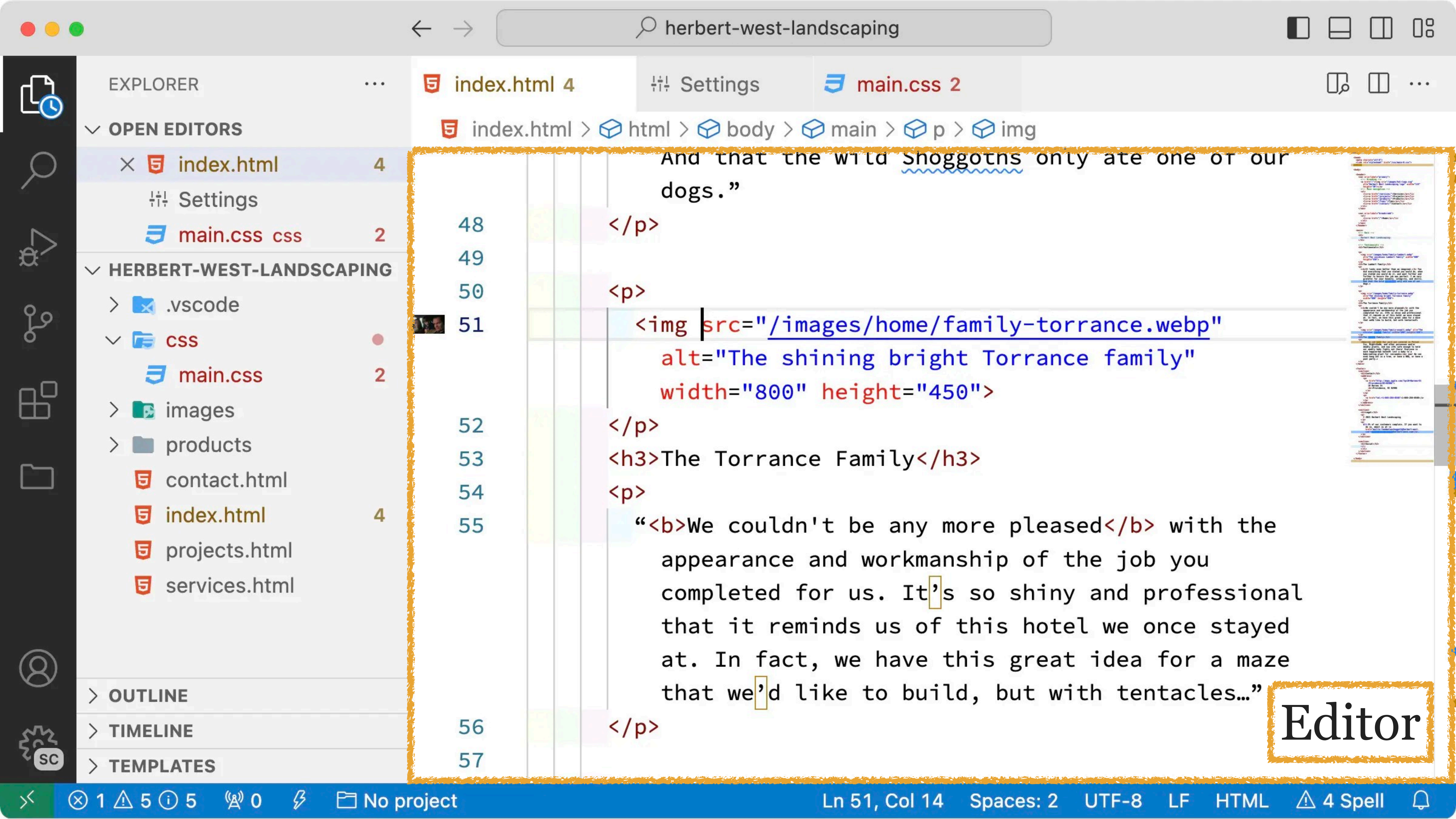
</p>

57



⊗ 1 ⚠ 5 ⓘ 5 📶 0 ⚡ 📁 No project

Ln 51, Col 14 Spaces: 2 UTF-8 LF HTML ⚠ 4 Spell 🔔



EXPLORER

OPEN EDITORS

index.html 4

Settings

main.css css 2

HERBERT-WEST-LANDSCAPING

> .vscode

> css

main.css 2

> images

> products

contact.html

index.html 4

projects.html

services.html

> OUTLINE

> TIMELINE

> TEMPLATES

index.html 4

Settings

main.css 2

index.html > html > body > main > p > img

And that the wild Shoggoths only ate one of our dogs."

48 </p>

49

50 <p>

51

```

```

52 </p>

53

<h3>The Torrance Family</h3>

54

<p>

55

"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

56 </p>

57

Editor



And that the wild snoggoths only ate one of our dogs."

Breadcrumbs

```

```

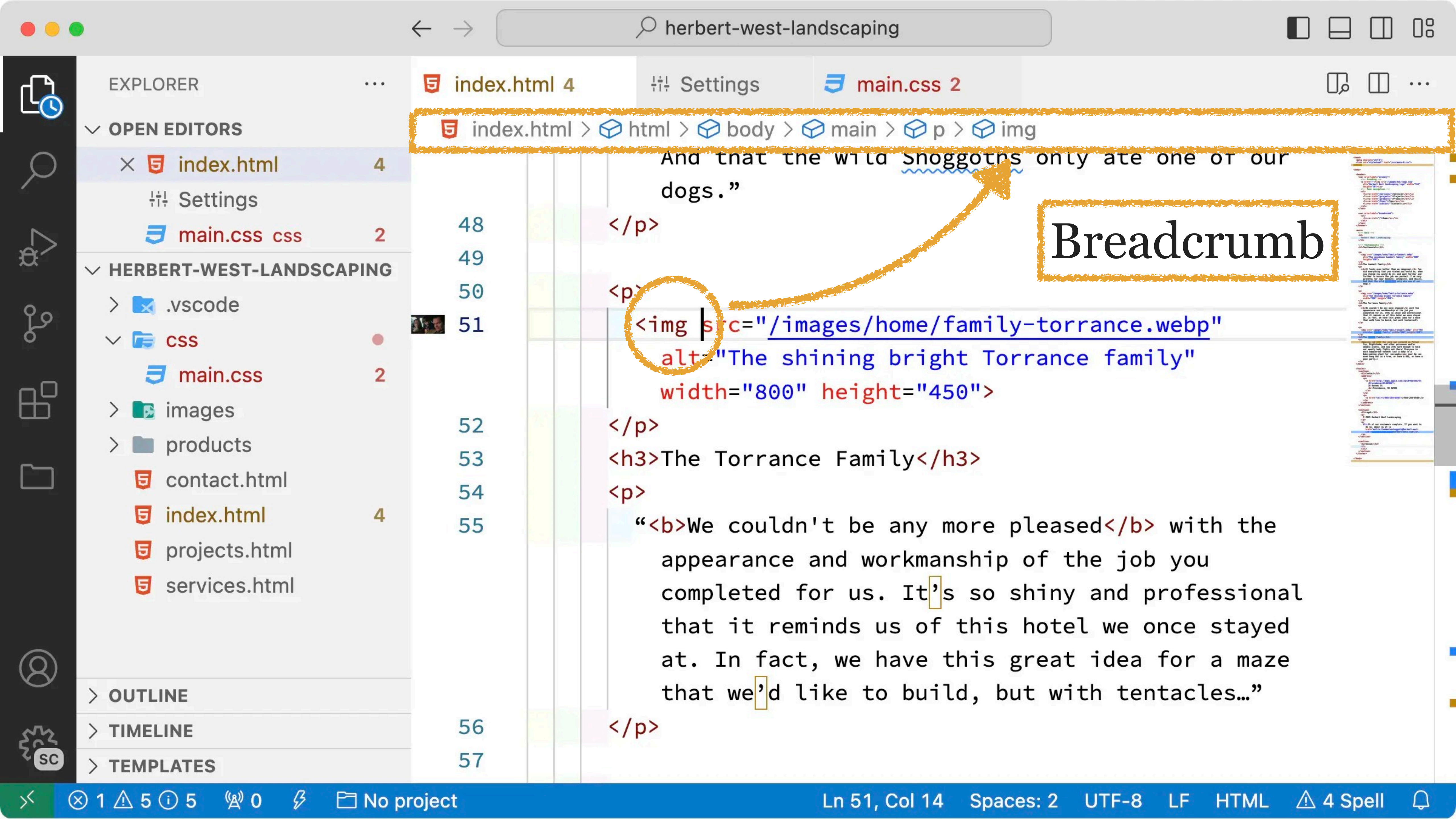
```
</p>
```

```
<h3>The Torrance Family</h3>
```

```
<p>
```

"**We** couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

```
</p>
```

EXPLORER

OPEN EDITORS

index.html 4

Settings

main.css css 2

HERBERT-WEST-LANDSCAPING

> .vscode

> css

main.css 2

> images

> products

contact.html

index.html 4

projects.html

services.html

> OUTLINE

> TIMELINE

> TEMPLATES

index.html 4

Settings

main.css 2

index.html > html > body > main > p > img

And that the wild snoggoths only ate one of our dogs."

Breadcrumbs

</p>

<h3>The Torrance Family</h3>

<p>

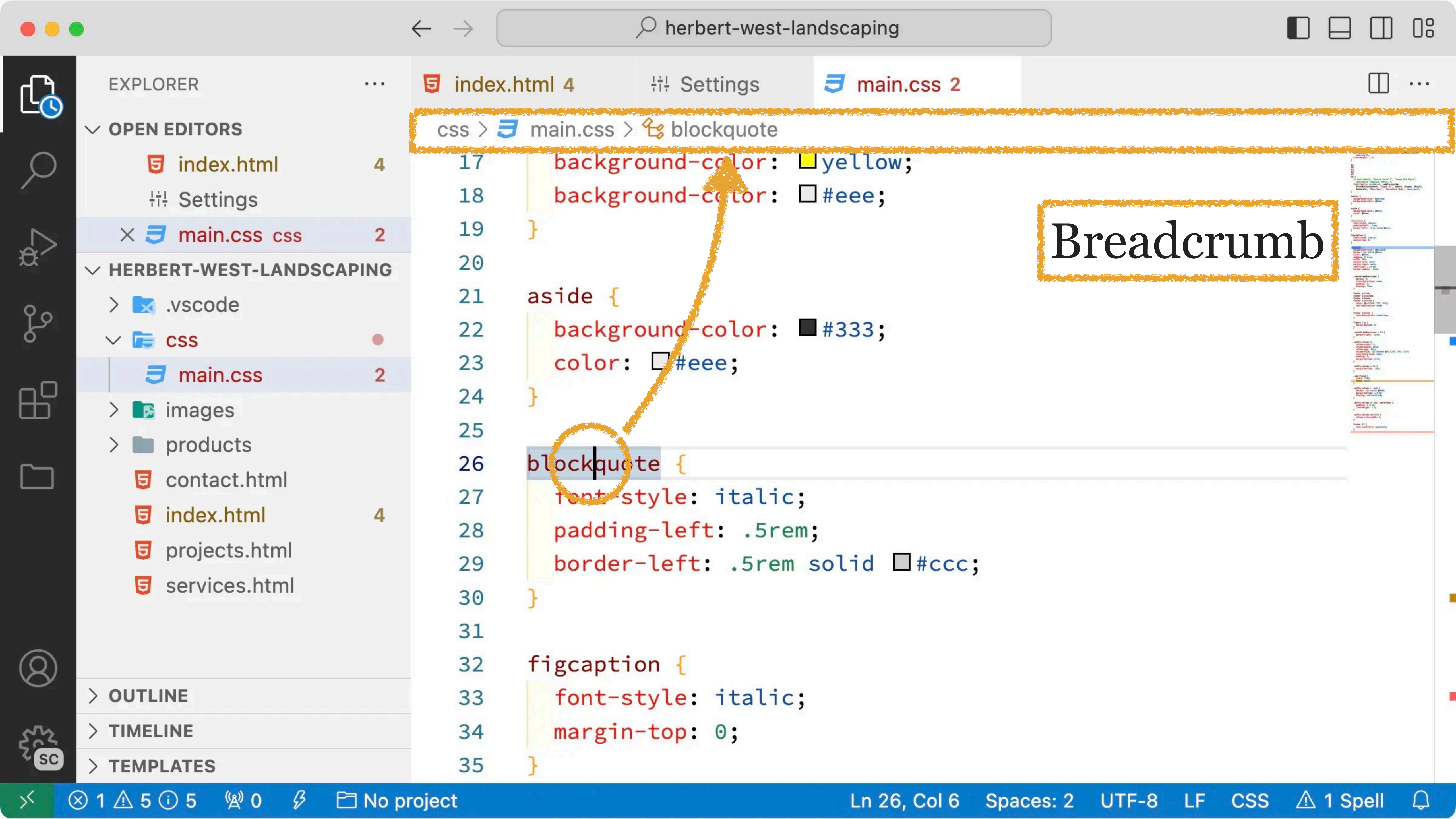
"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

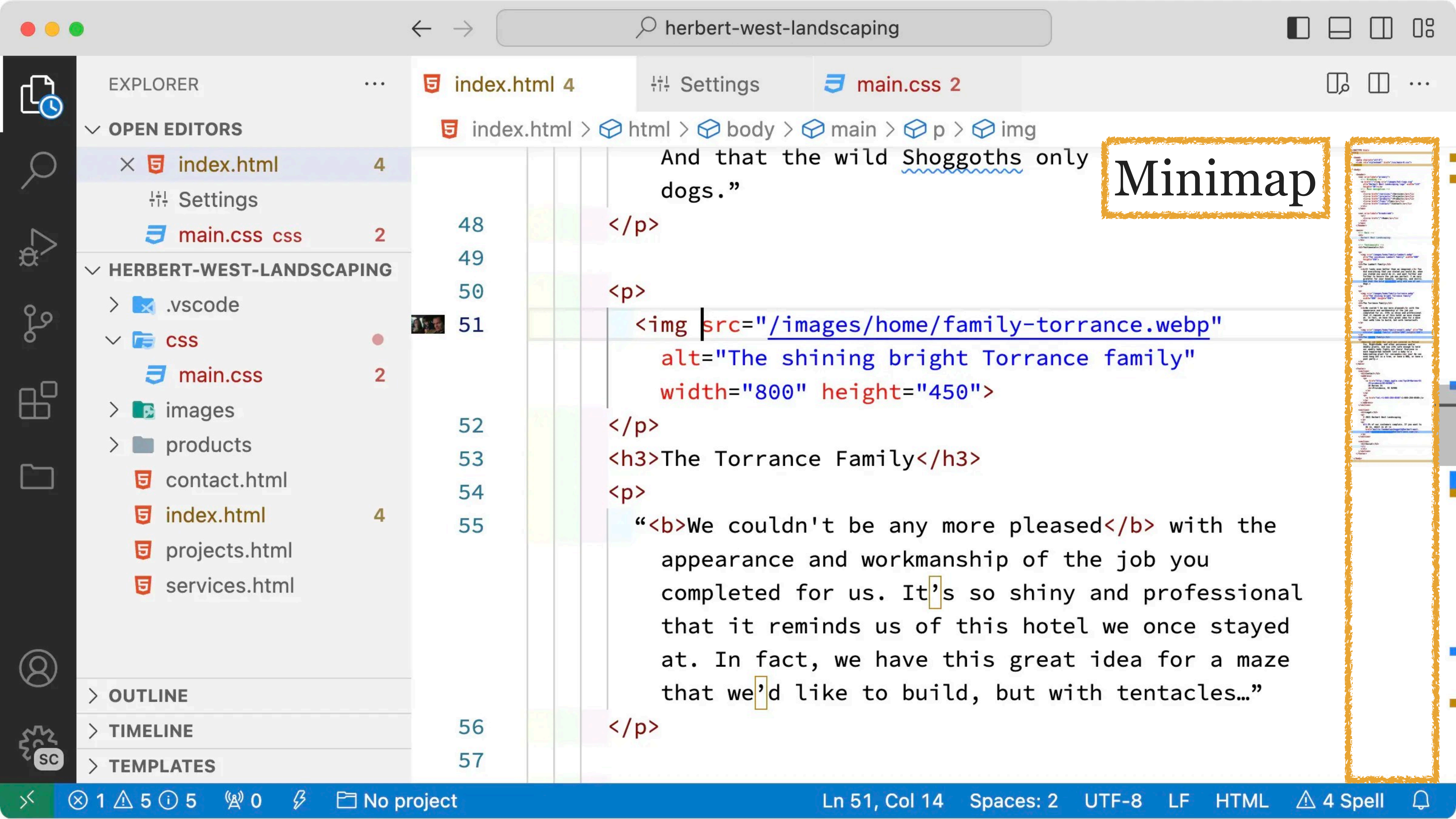
</p>

56

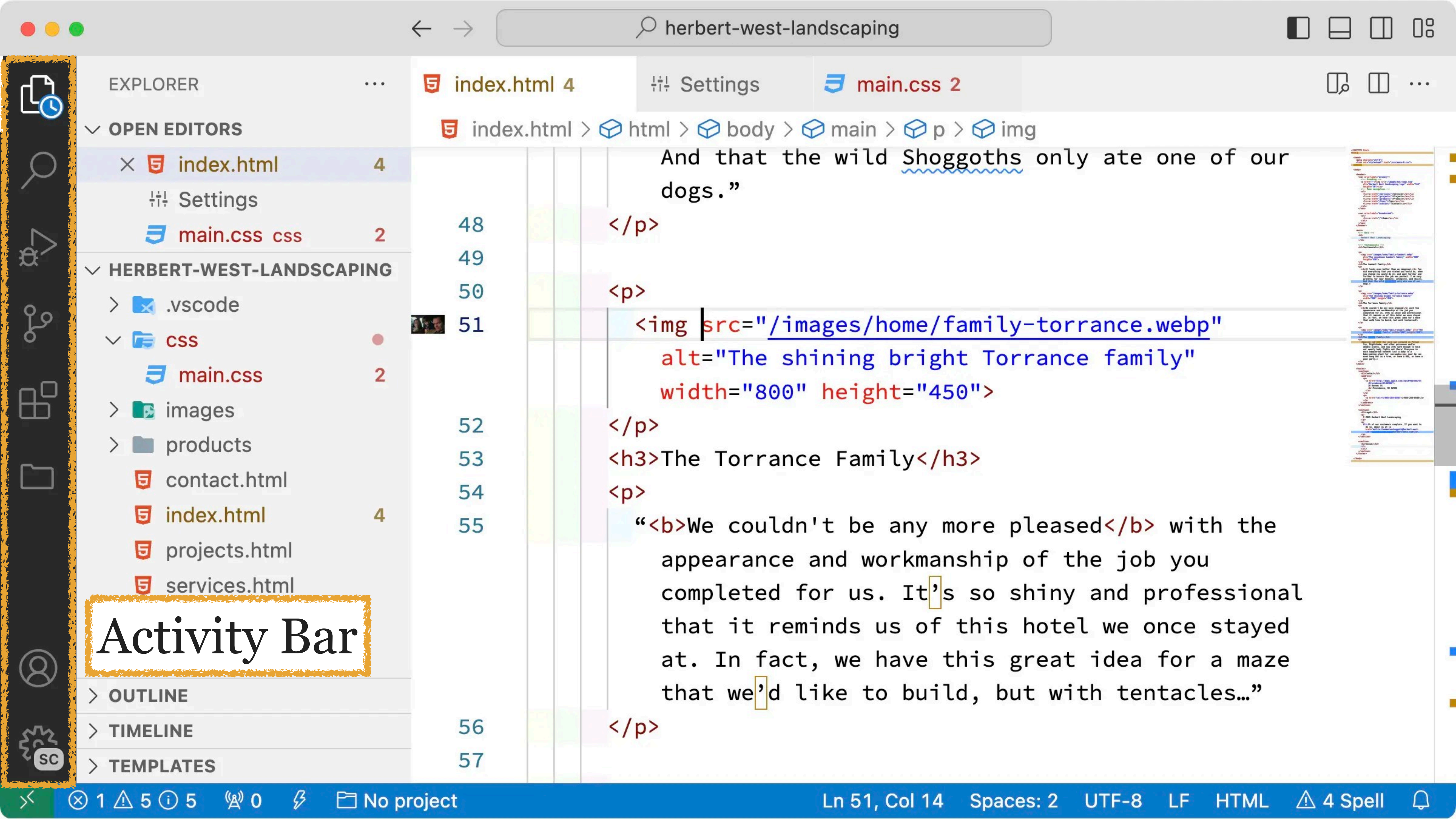
57

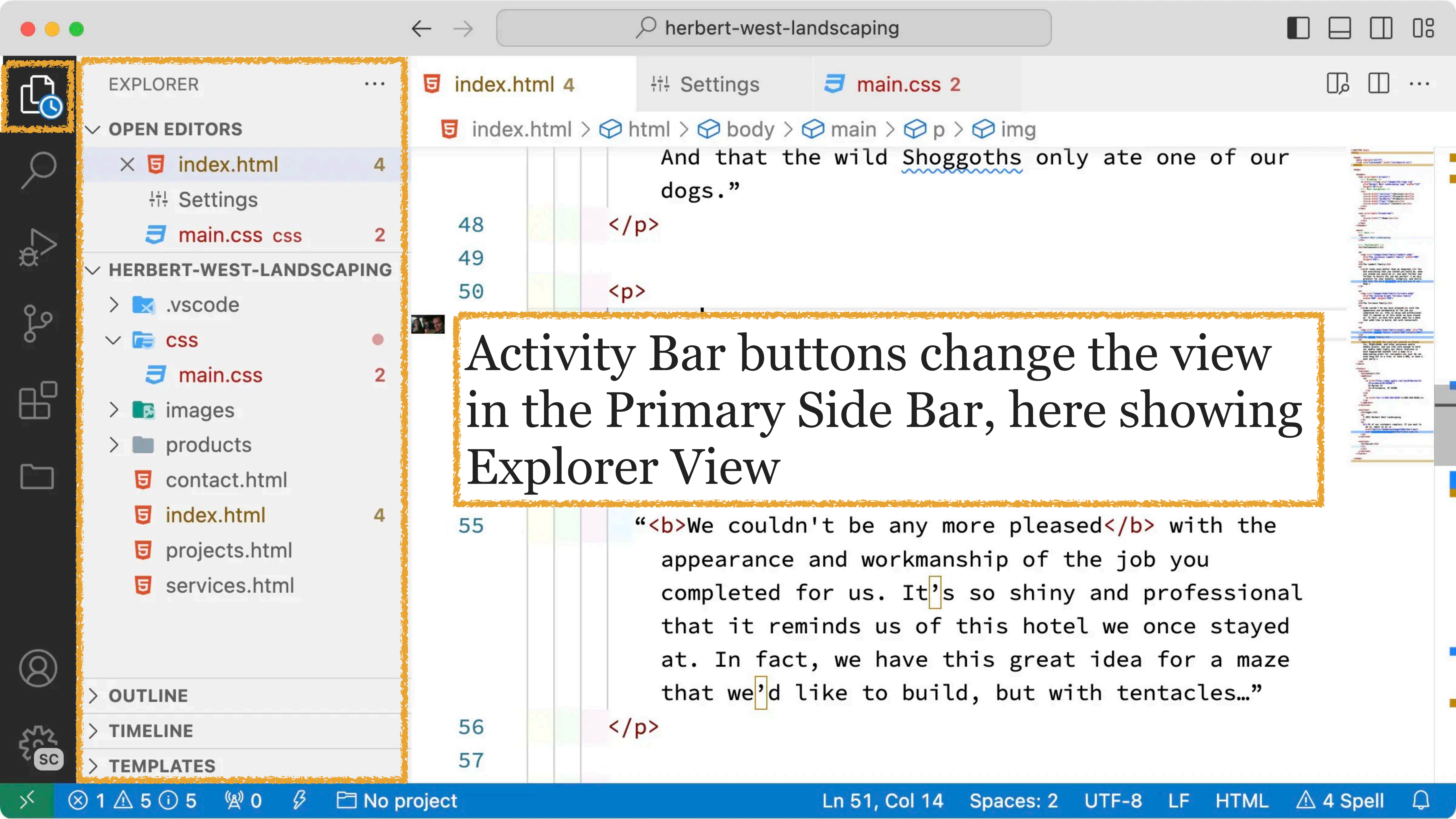




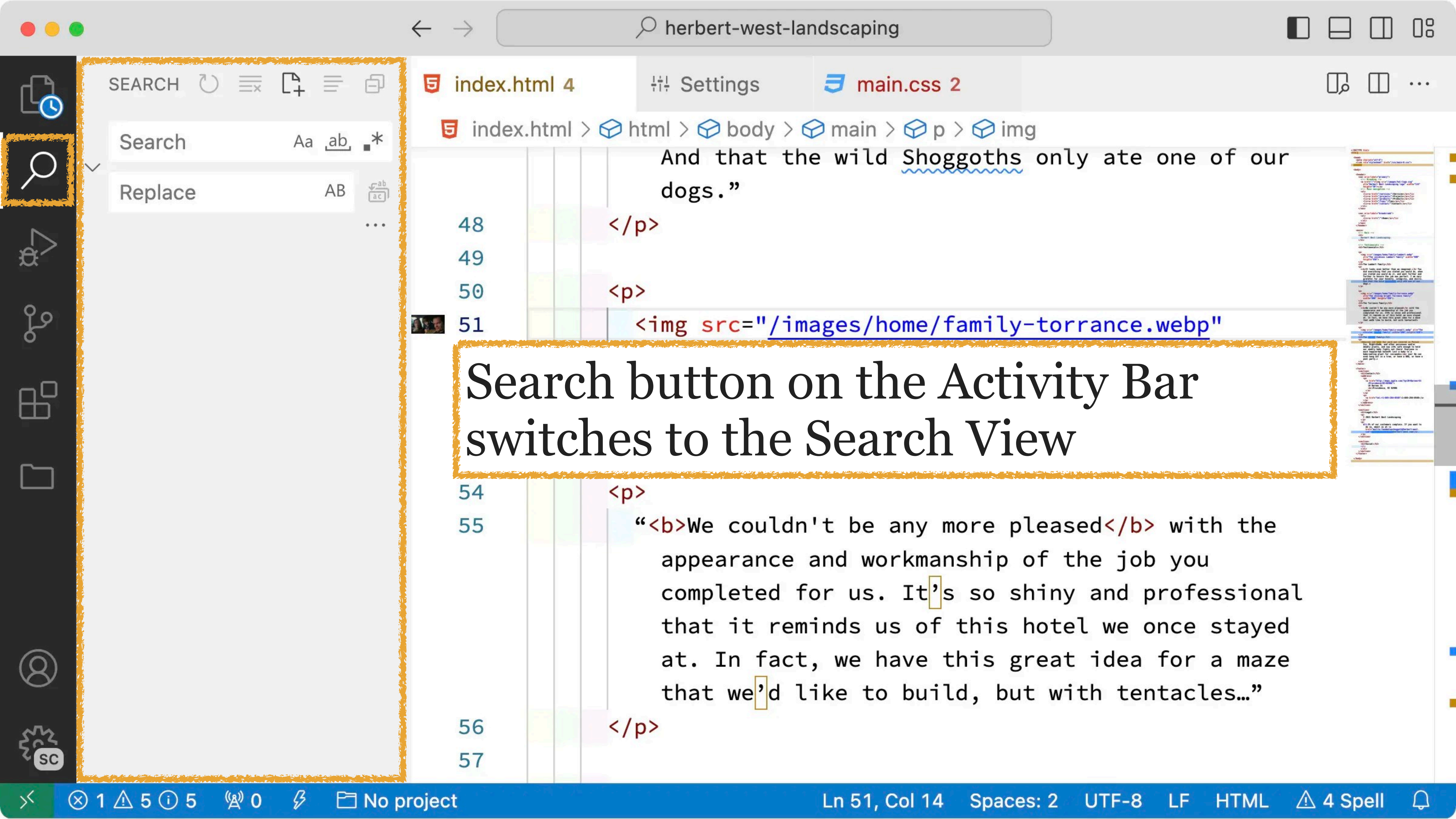


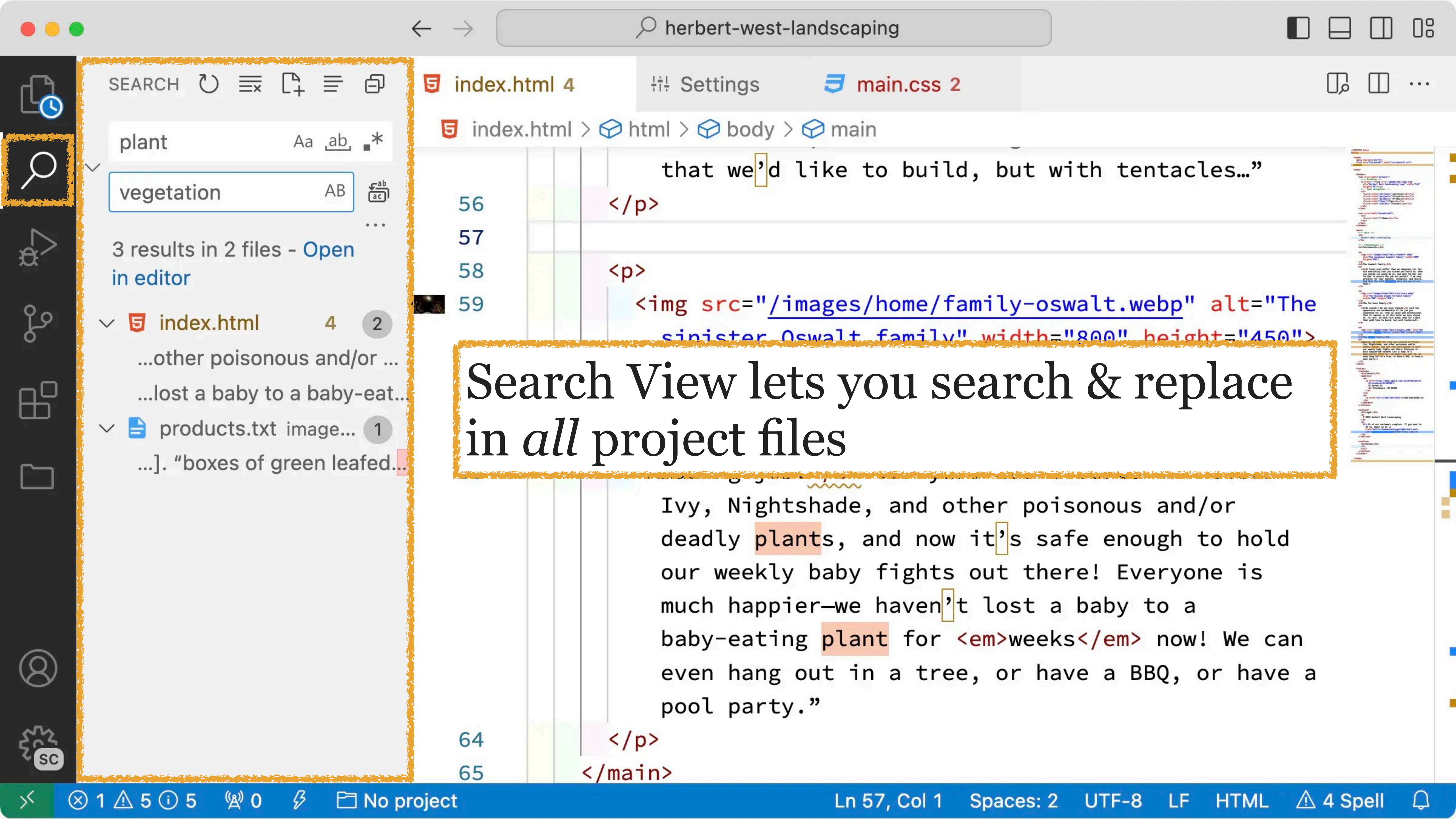
Minimap





Activity Bar buttons change the view in the Primary Side Bar, here showing Explorer View





SEARCH

plant

vegetation

3 results in 2 files - Open in editor

index.html 4 2

...other poisonous and/or ...

...lost a baby to a baby-eat...

products.txt image... 1

...]. "boxes of green leafed...

index.html 4

Settings

main.css 2

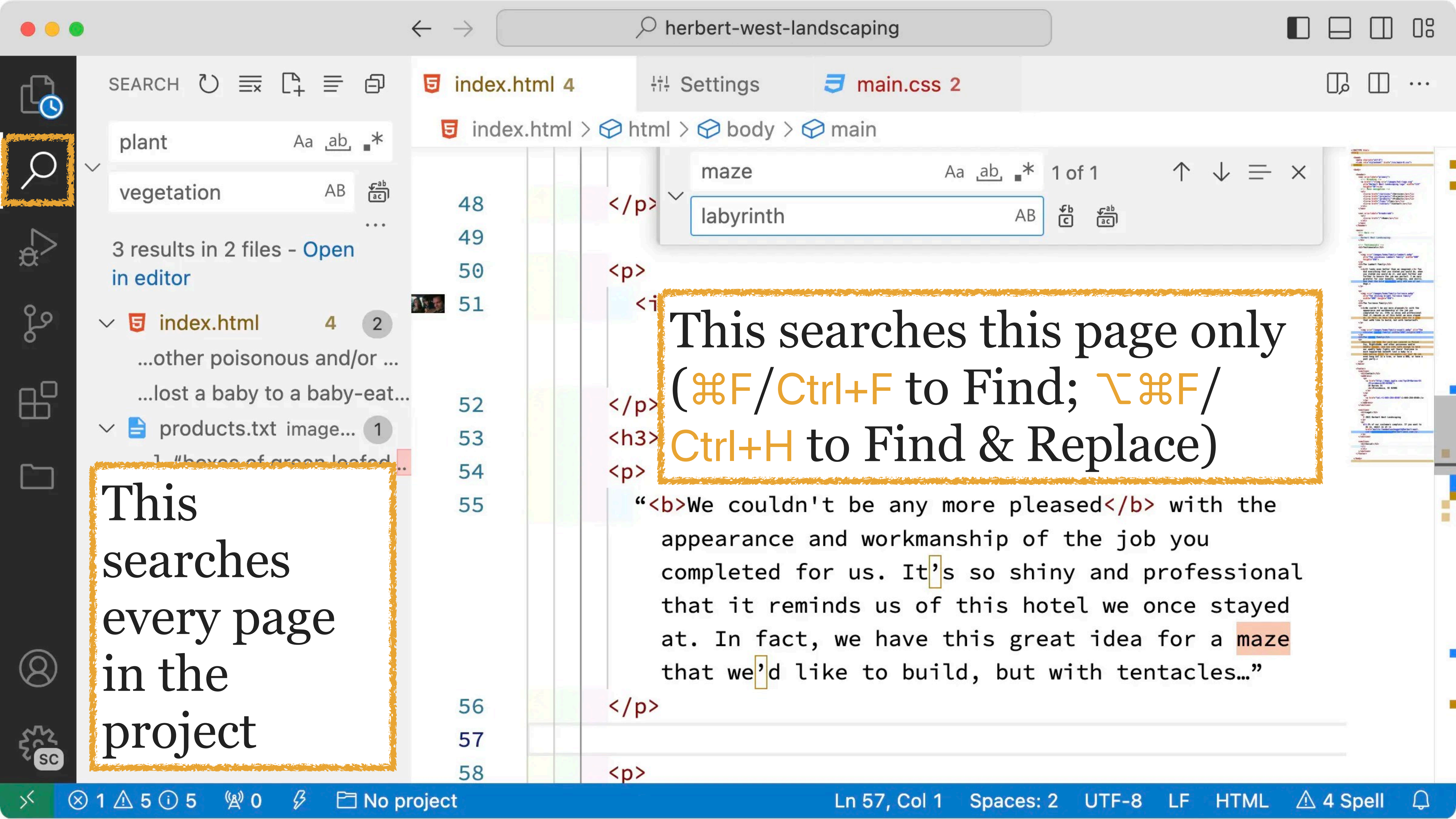
index.html > html > body > main

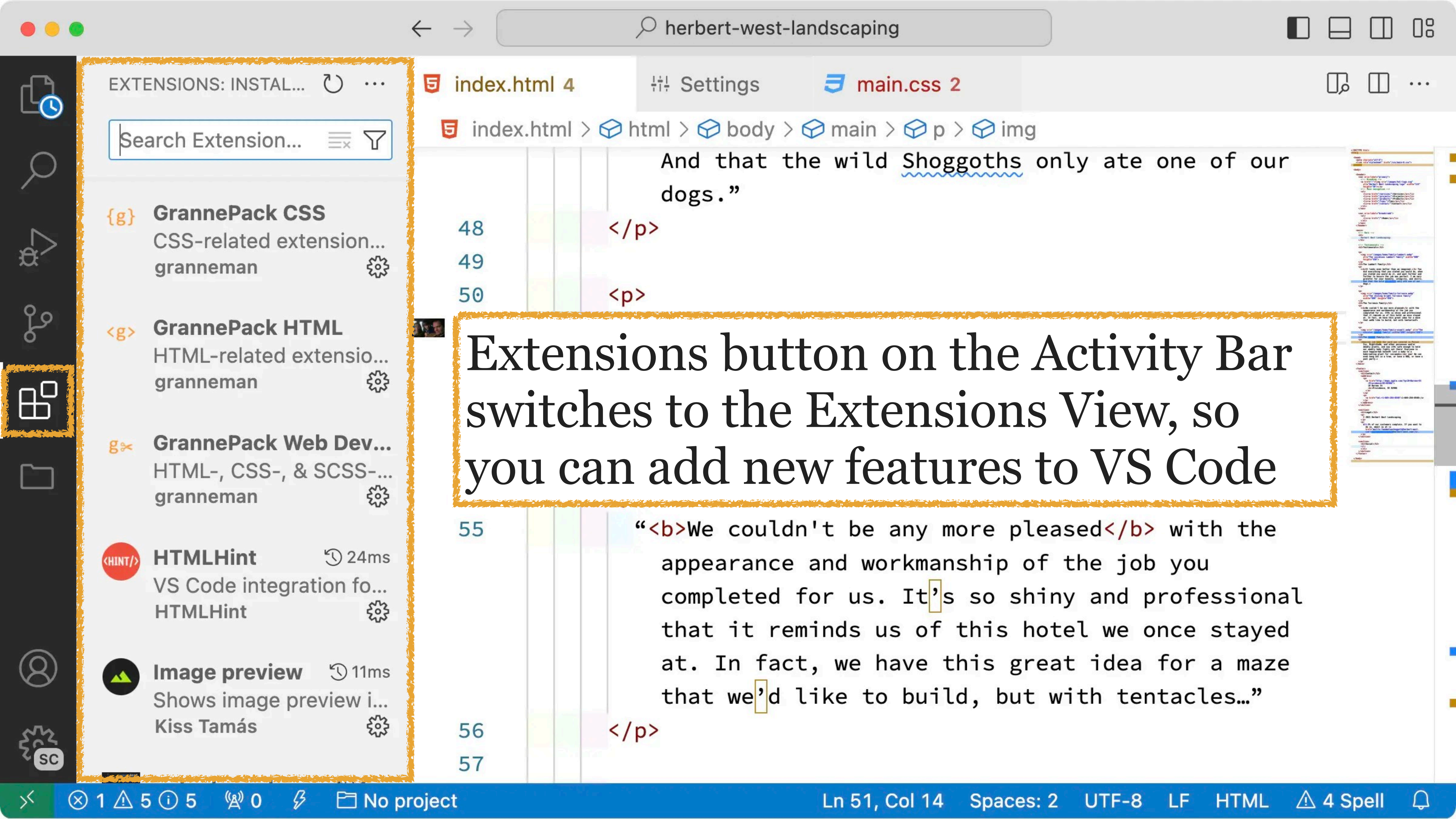
```
56         that we'd like to build, but with tentacles..."
57     </p>
58     <p>
59         
```

Search View lets you search & replace in *all* project files

Ivy, Nightshade, and other poisonous and/or deadly plants, and now it's safe enough to hold our weekly baby fights out there! Everyone is much happier—we haven't lost a baby to a baby-eating plant for *weeks* now! We can even hang out in a tree, or have a BBQ, or have a pool party."

```
64     </p>
65 </main>
```



EXTENSIONS: INSTAL... ↻ ...

Search Extension... ≡

{g} **GrannePack CSS**
CSS-related extension...
granneman ⚙

<g> **GrannePack HTML**
HTML-related extensio...
granneman ⚙

g⌘ **GrannePack Web Dev...**
HTML-, CSS-, & SCSS-...
granneman ⚙

<HINT/> **HTMLHint** ⌚ 24ms
VS Code integration fo...
HTMLHint ⚙

📺 **Image preview** ⌚ 11ms
Shows image preview i...
Kiss Tamás ⚙

index.html 4

Settings

main.css 2

index.html > html > body > main > p > img

And that the wild Shoggoths only ate one of our
dogs.”

48 </p>

49

50 <p>

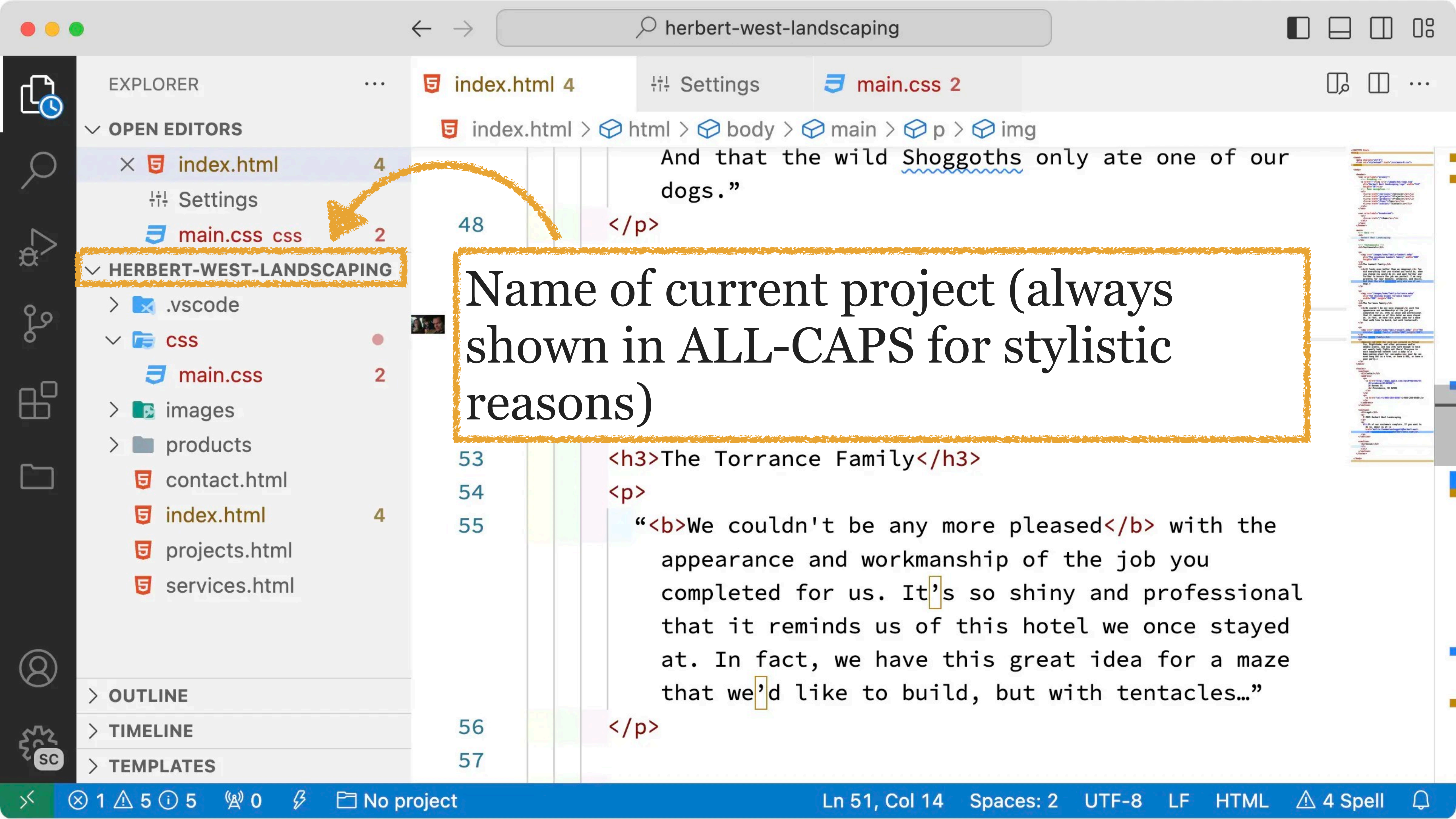
55

“We couldn't be any more pleased with the
appearance and workmanship of the job you
completed for us. It's so shiny and professional
that it reminds us of this hotel we once stayed
at. In fact, we have this great idea for a maze
that we'd like to build, but with tentacles...”

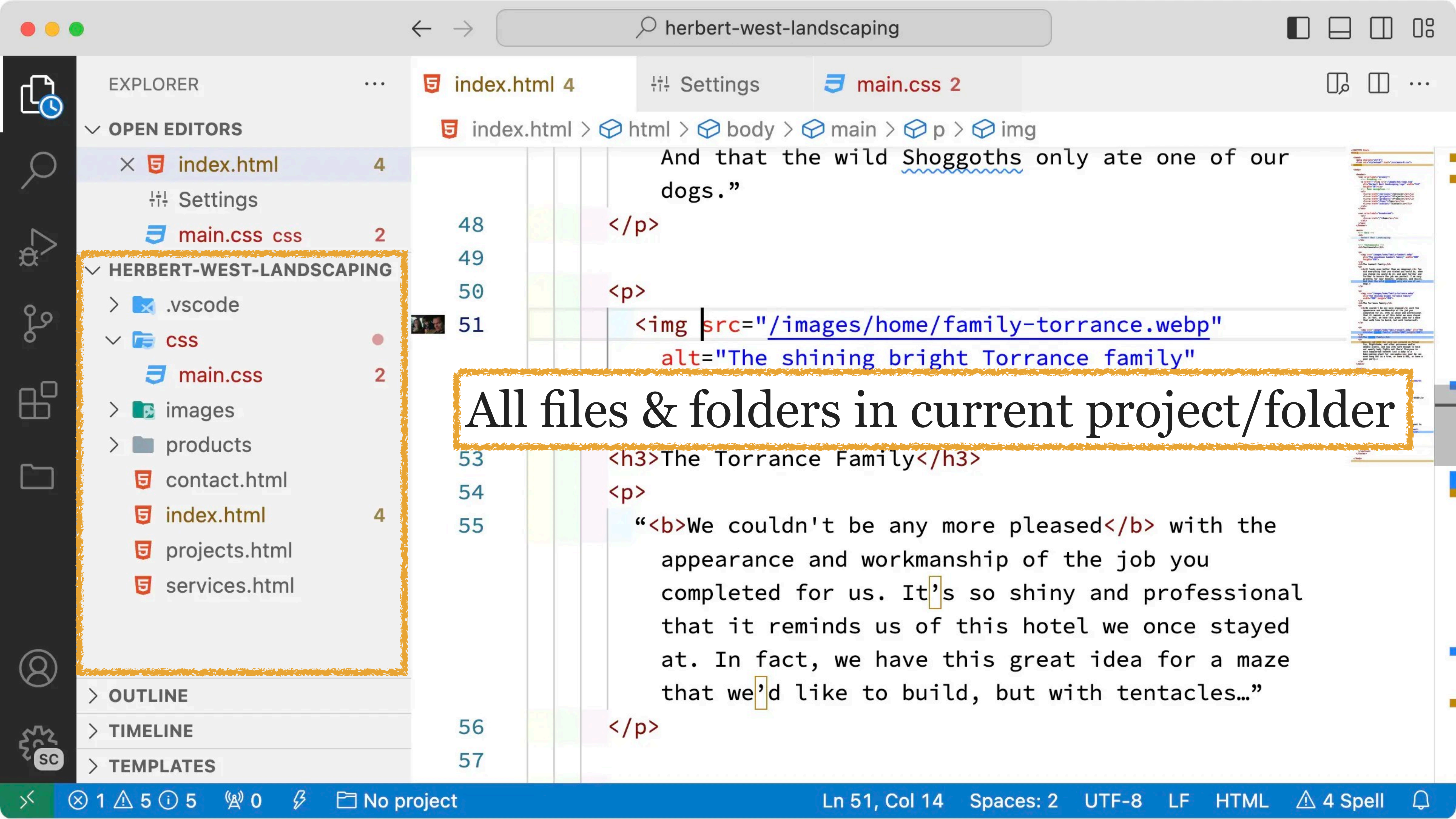
56 </p>

57

Extensions button on the Activity Bar
switches to the Extensions View, so
you can add new features to VS Code



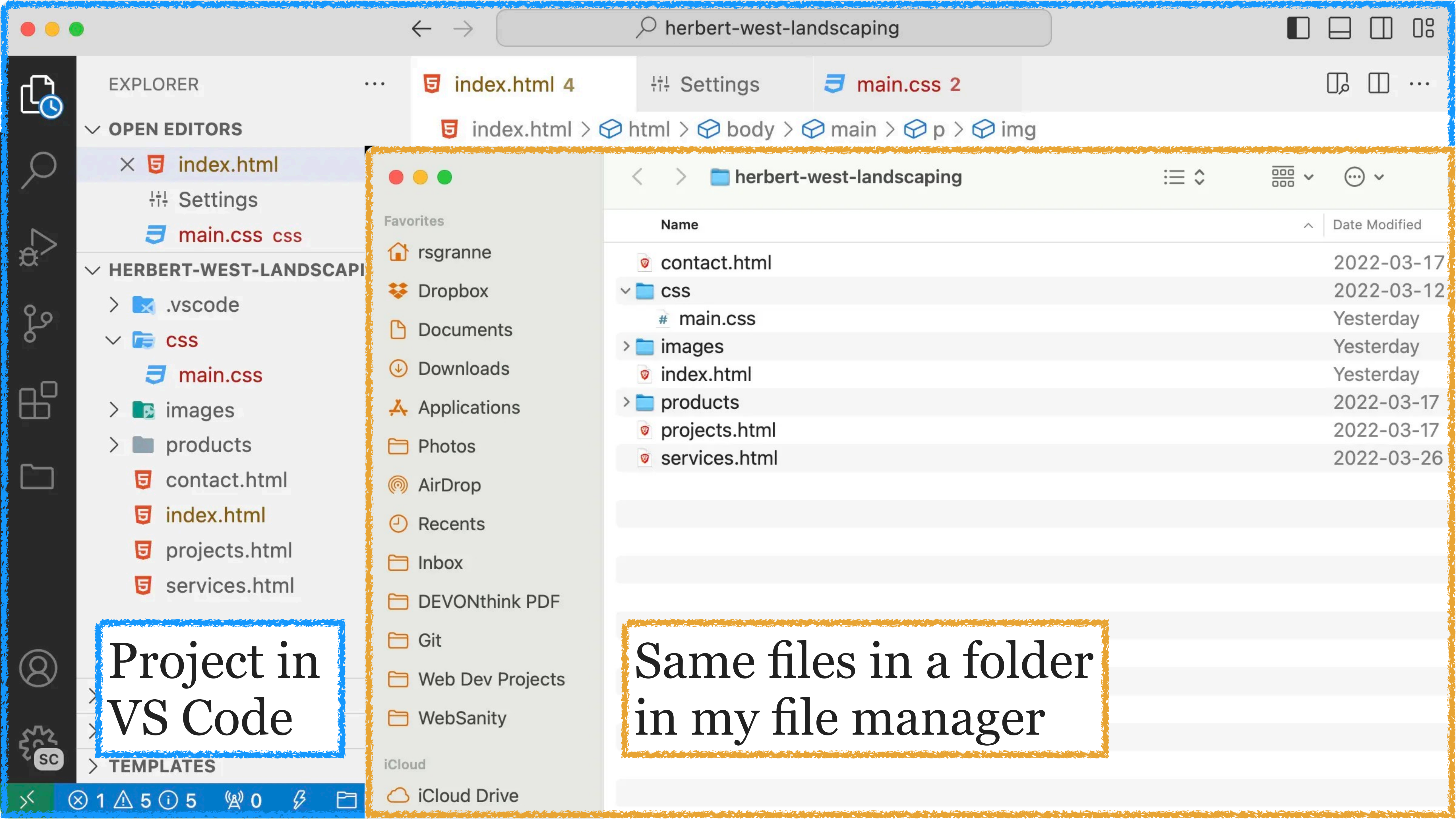
Name of current project (always shown in ALL-CAPS for stylistic reasons)



All files & folders in current project/folder

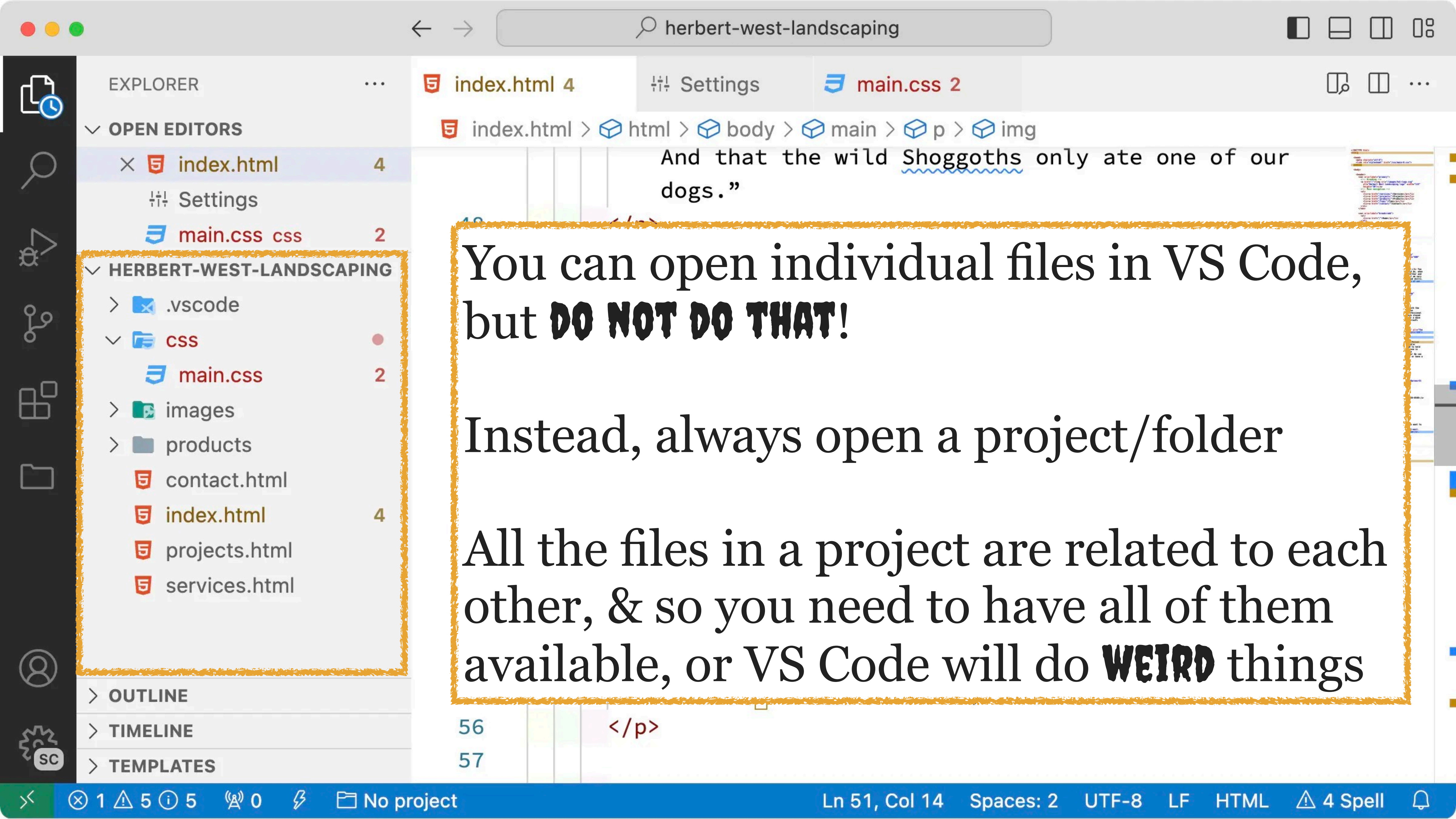


8 items, 224.38 GB available



Project in
VS Code

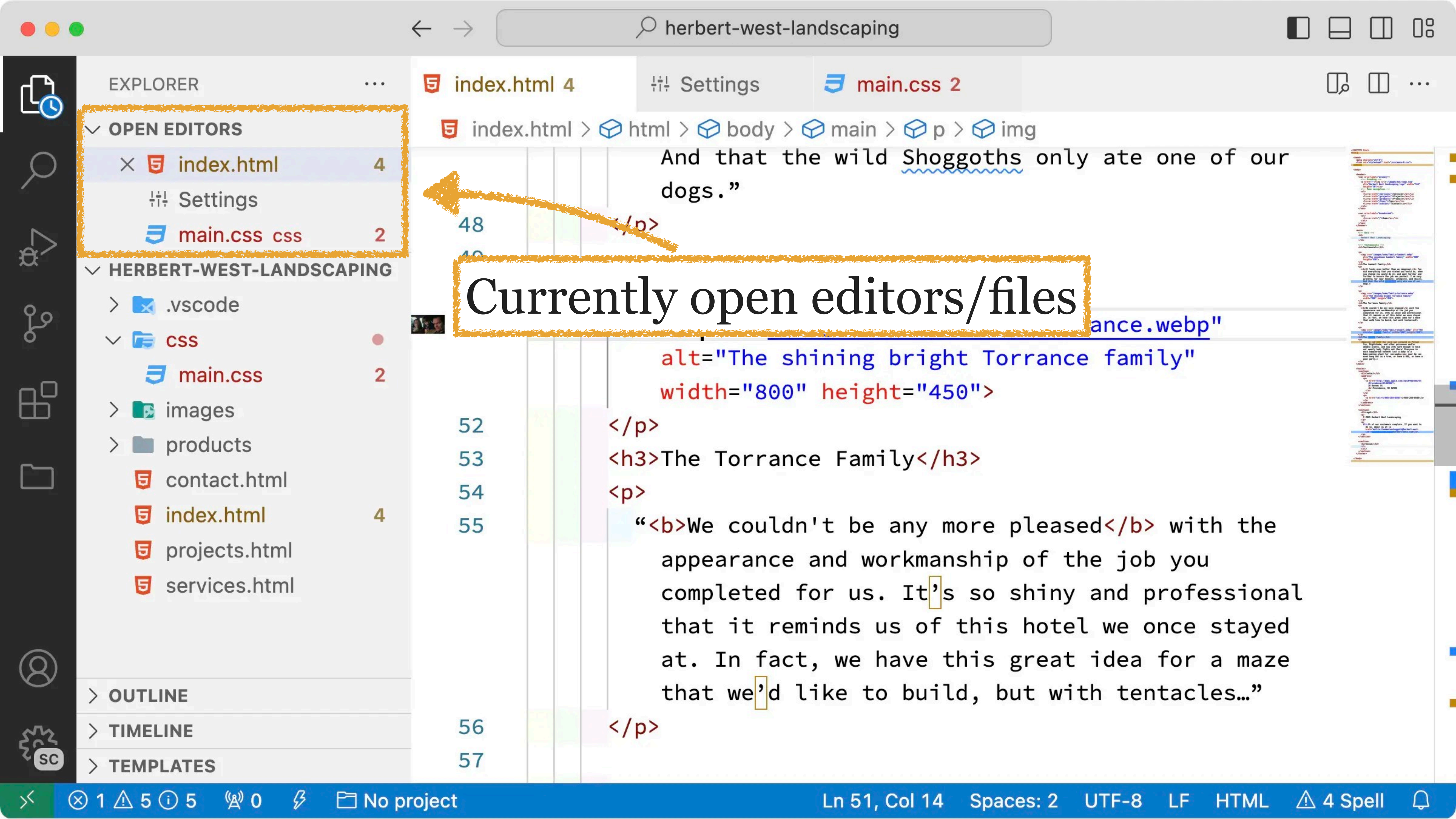
Same files in a folder
in my file manager



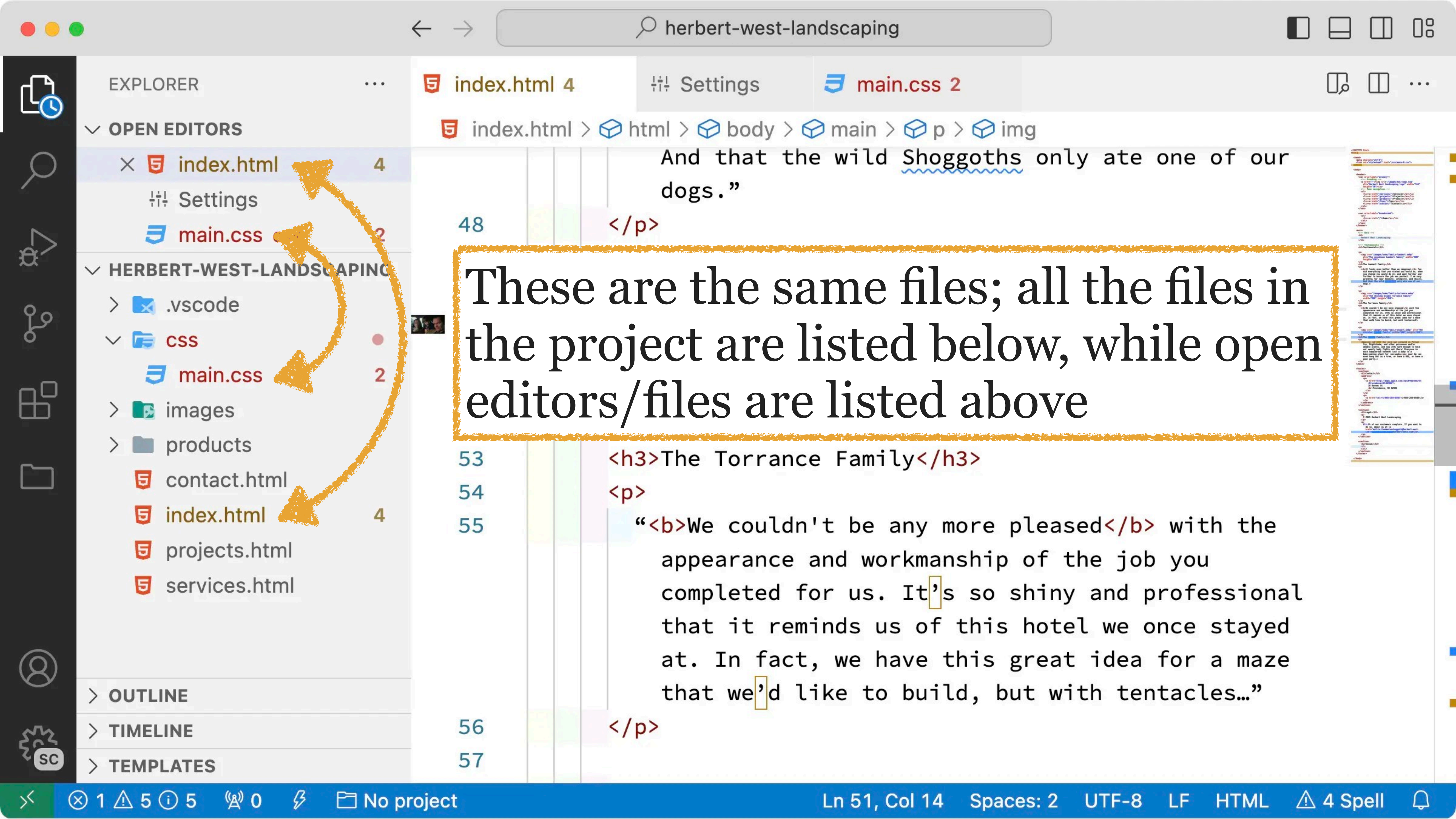
You can open individual files in VS Code,
but **DO NOT DO THAT!**

Instead, always open a project/folder

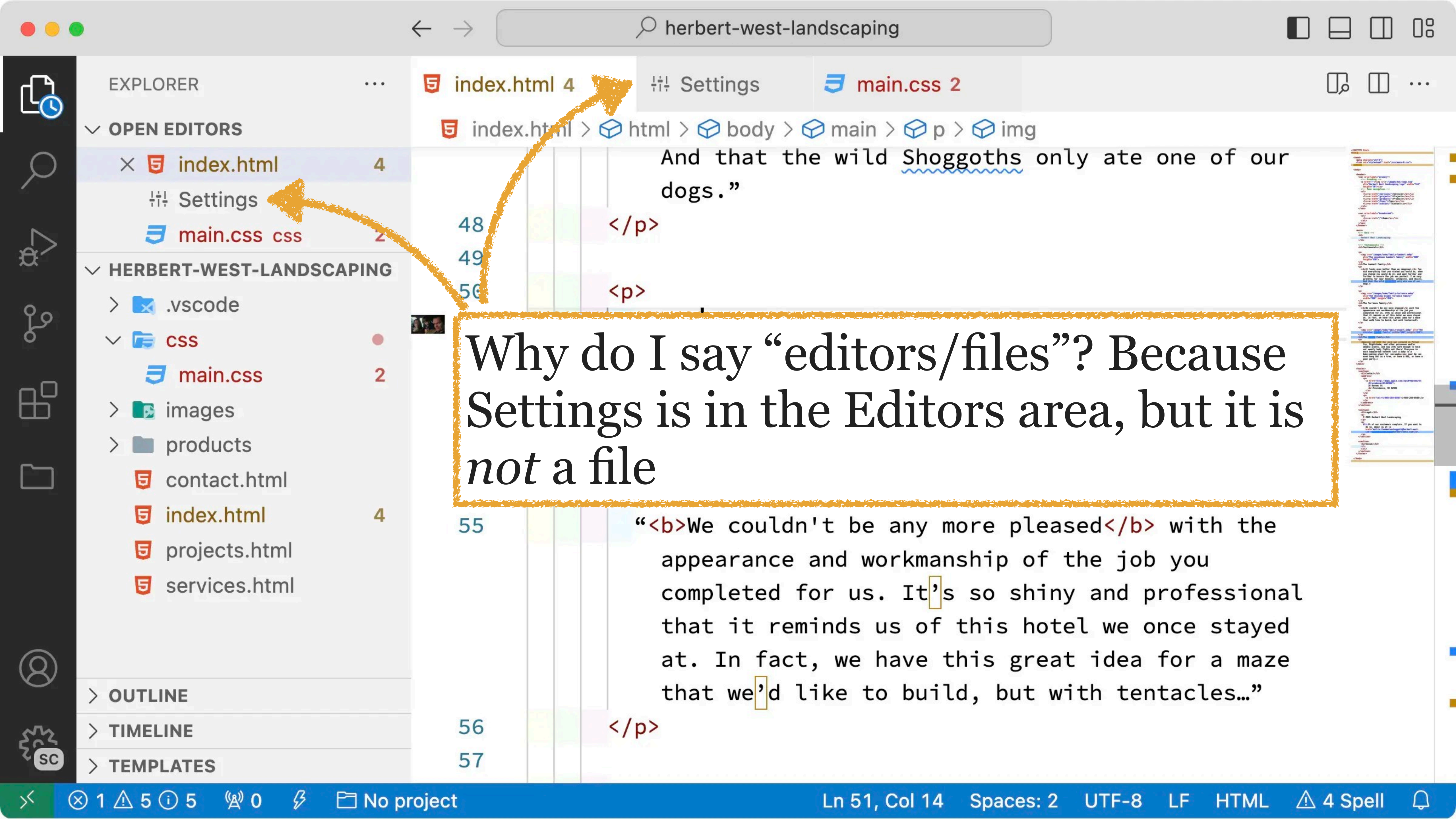
All the files in a project are related to each
other, & so you need to have all of them
available, or VS Code will do **WEIRD** things



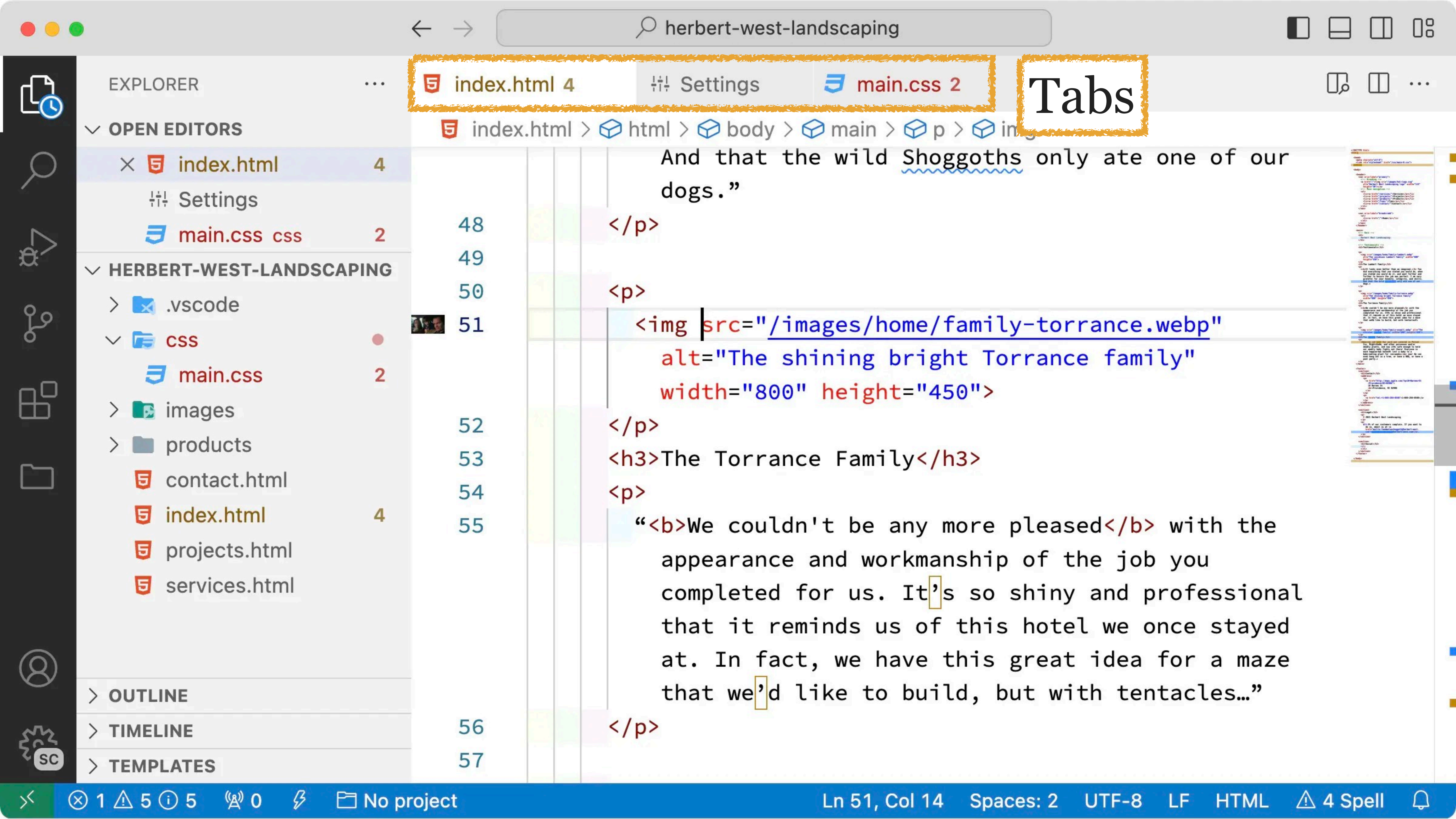
Currently open editors/files



These are the same files; all the files in the project are listed below, while open editors/files are listed above



Why do I say “editors/files”? Because Settings is in the Editors area, but it is *not* a file



Tabs

And that the wild Shoggoths only ate one of our dogs."

</p>

<p>

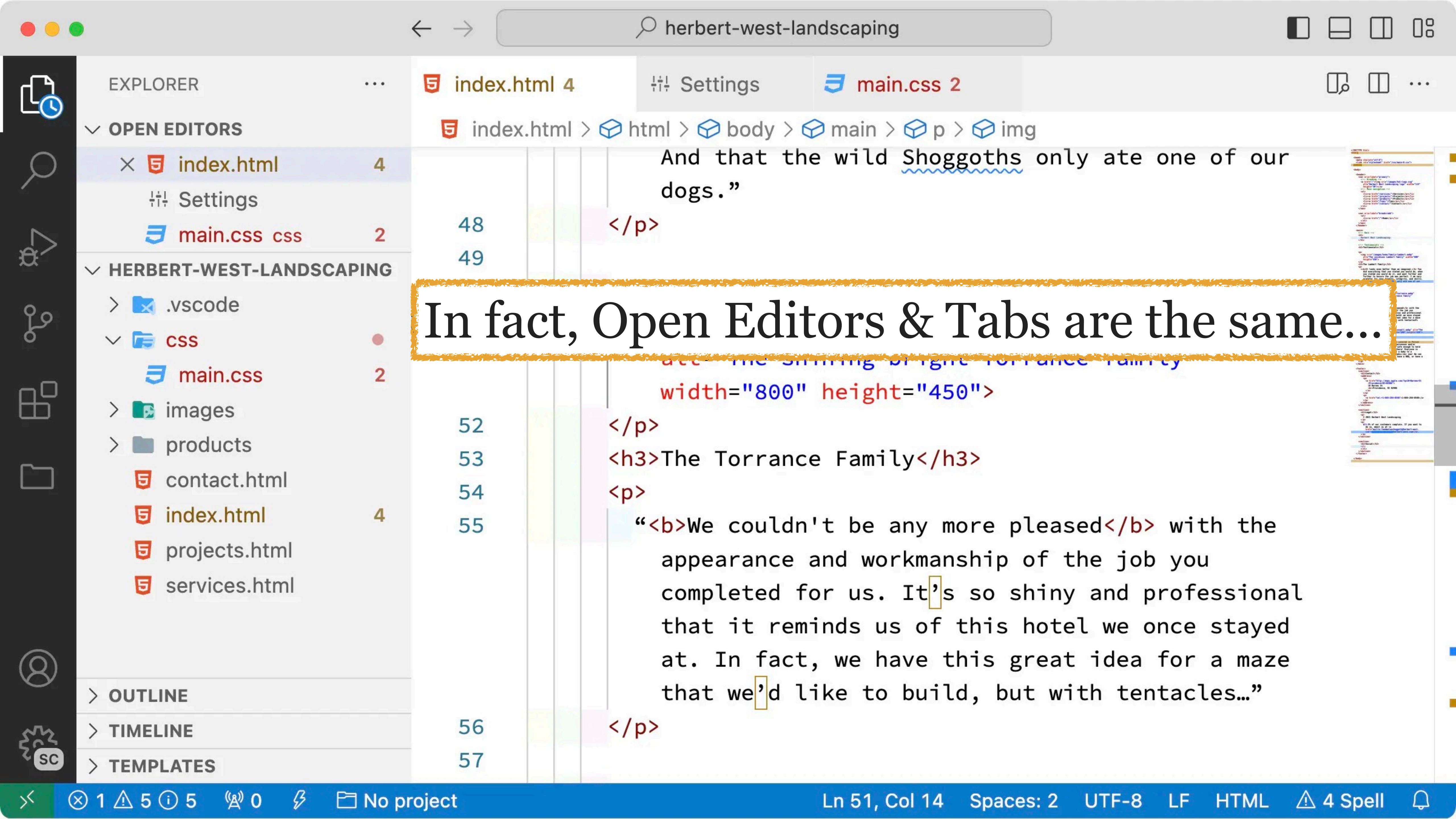
</p>

<h3>The Torrance Family</h3>

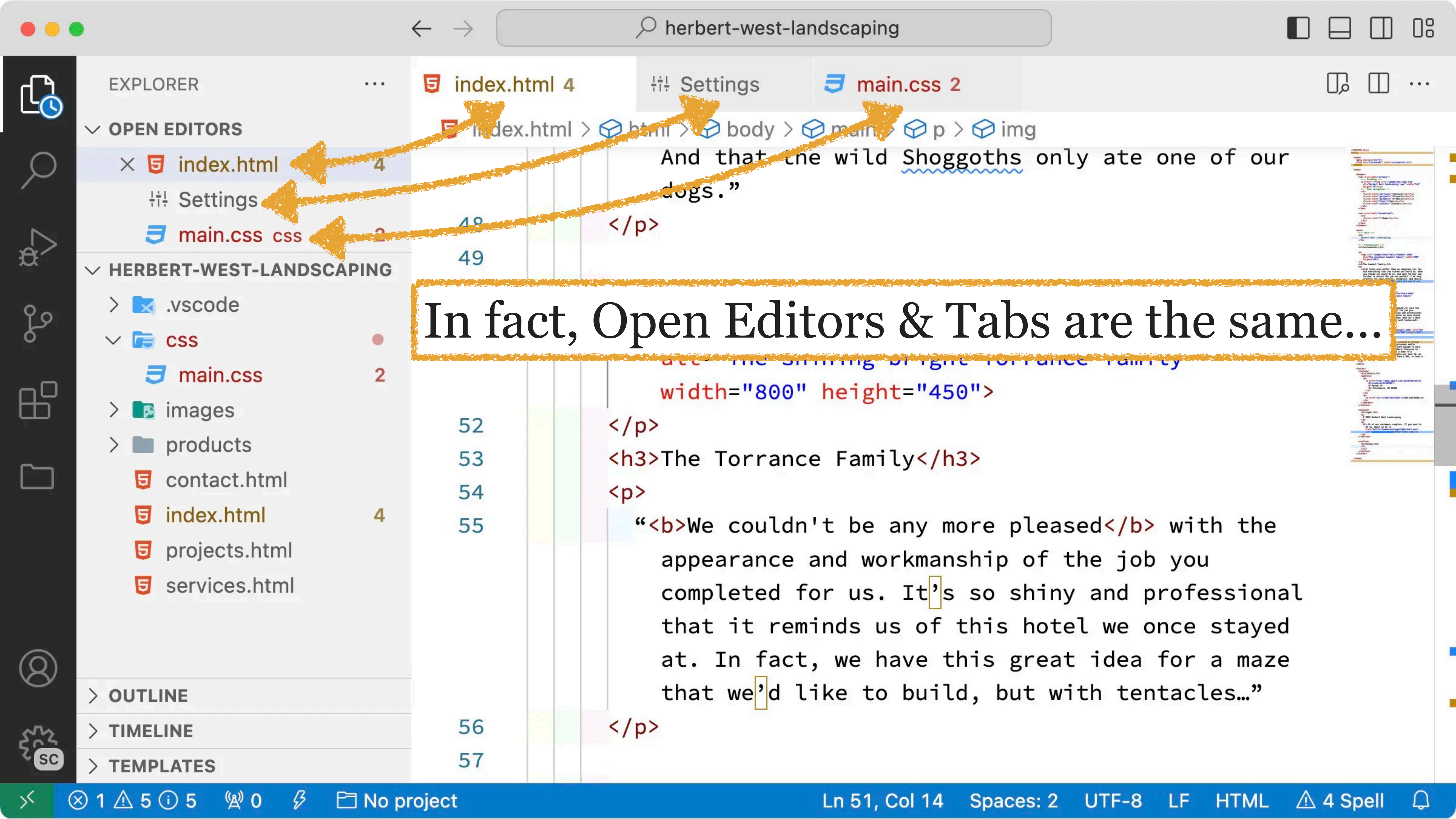
<p>

"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

</p>



In fact, Open Editors & Tabs are the same...



In fact, Open Editors & Tabs are the same...

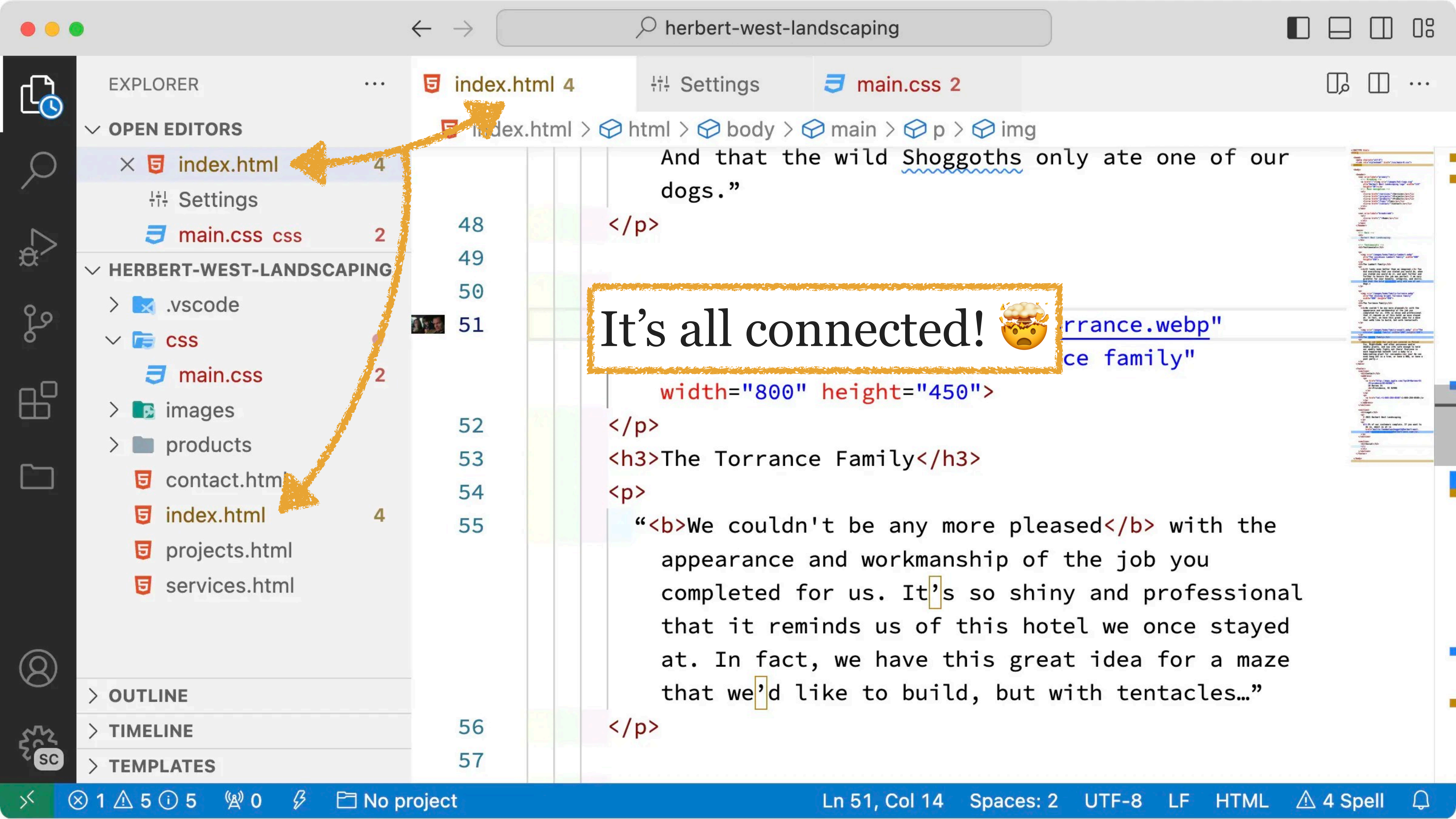
...

 Settings

⚙ Settings

> TEMPLATES

57



EXPLORER

index.html 4

⚙ Settings

main.css 2


▼ OPEN EDITORS

✕  index.html

⚙ Settings

 main.css css

✓ HERBERT-WEST-LANDSCAPING

>  .vscode

▼ CSS

main.css

>  images

>  products

 [contact.html](#) index.html projects.html services.html

> OUTLINE

> TIMELINE

> TEMPLATES

It's all connected!



rrance.webp"
ce family"

```
width="800" height="450">
```

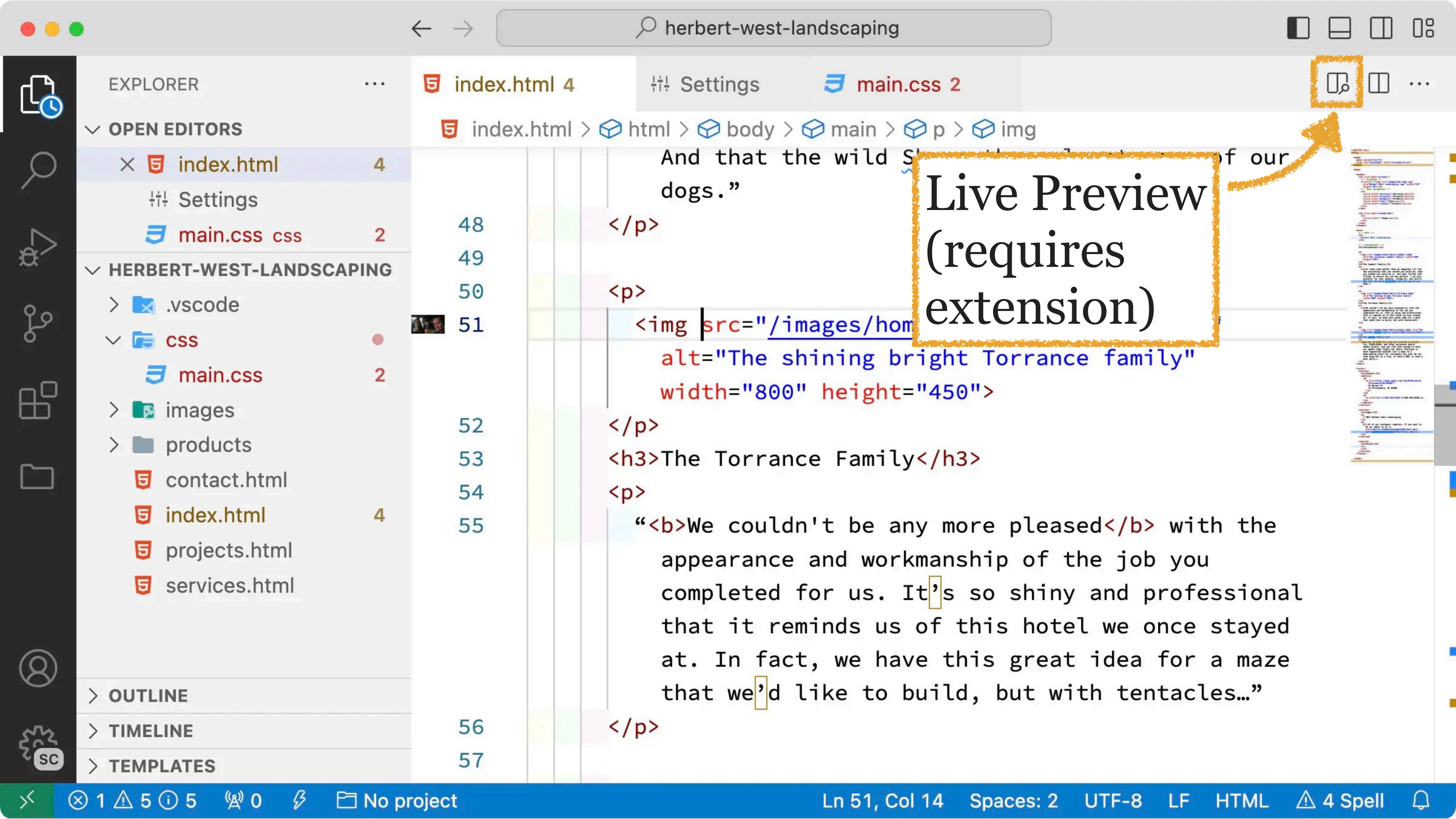
</p>

The Torrance Family

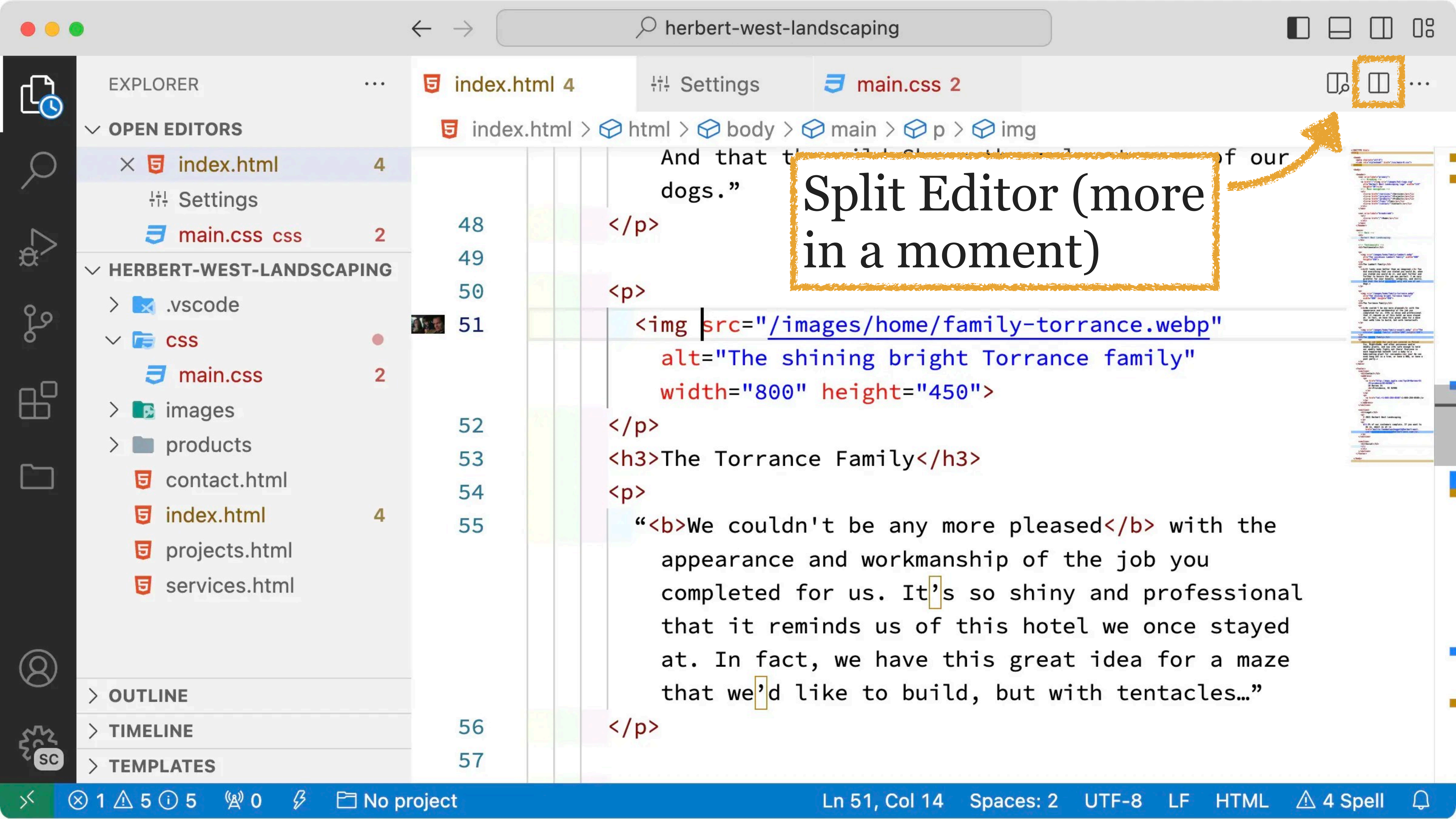
<p>

“**We** couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles...”

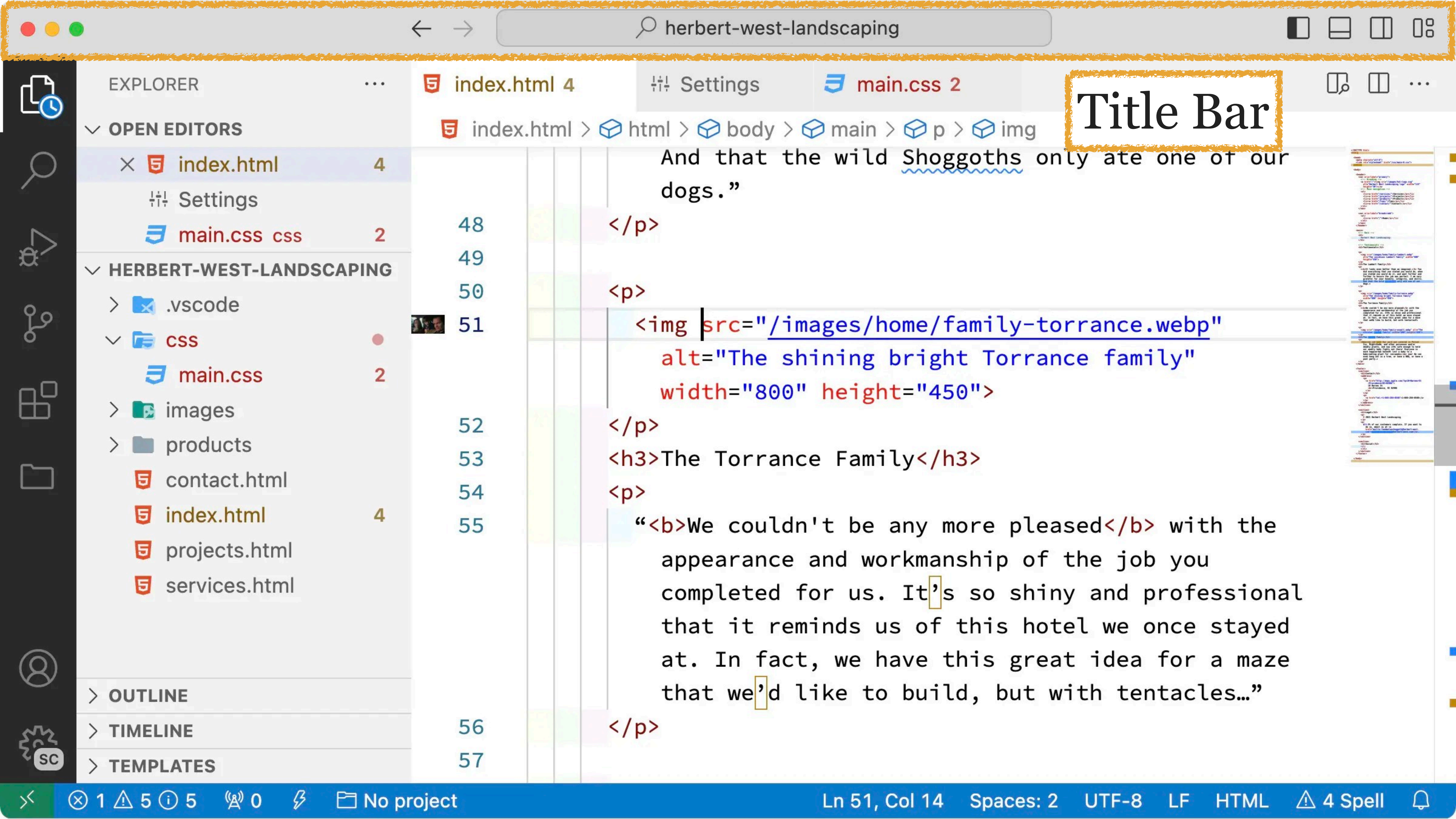
</p>



Live Preview
(requires
extension)



Split Editor (more
in a moment)



Title Bar

And that the wild Shoggoths only ate one of our dogs."

</p>

<p>

</p>

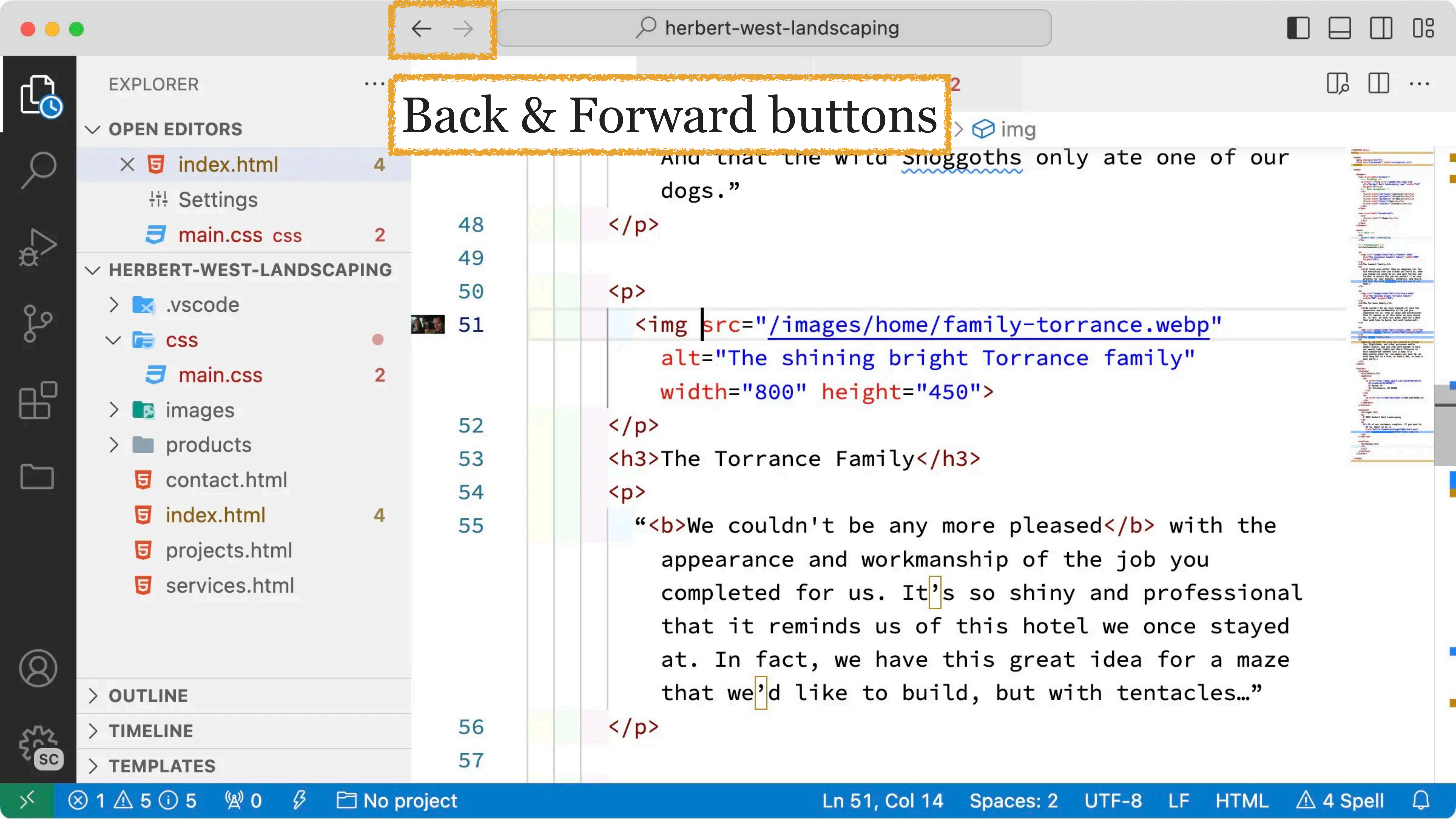
<h3>The Torrance Family</h3>

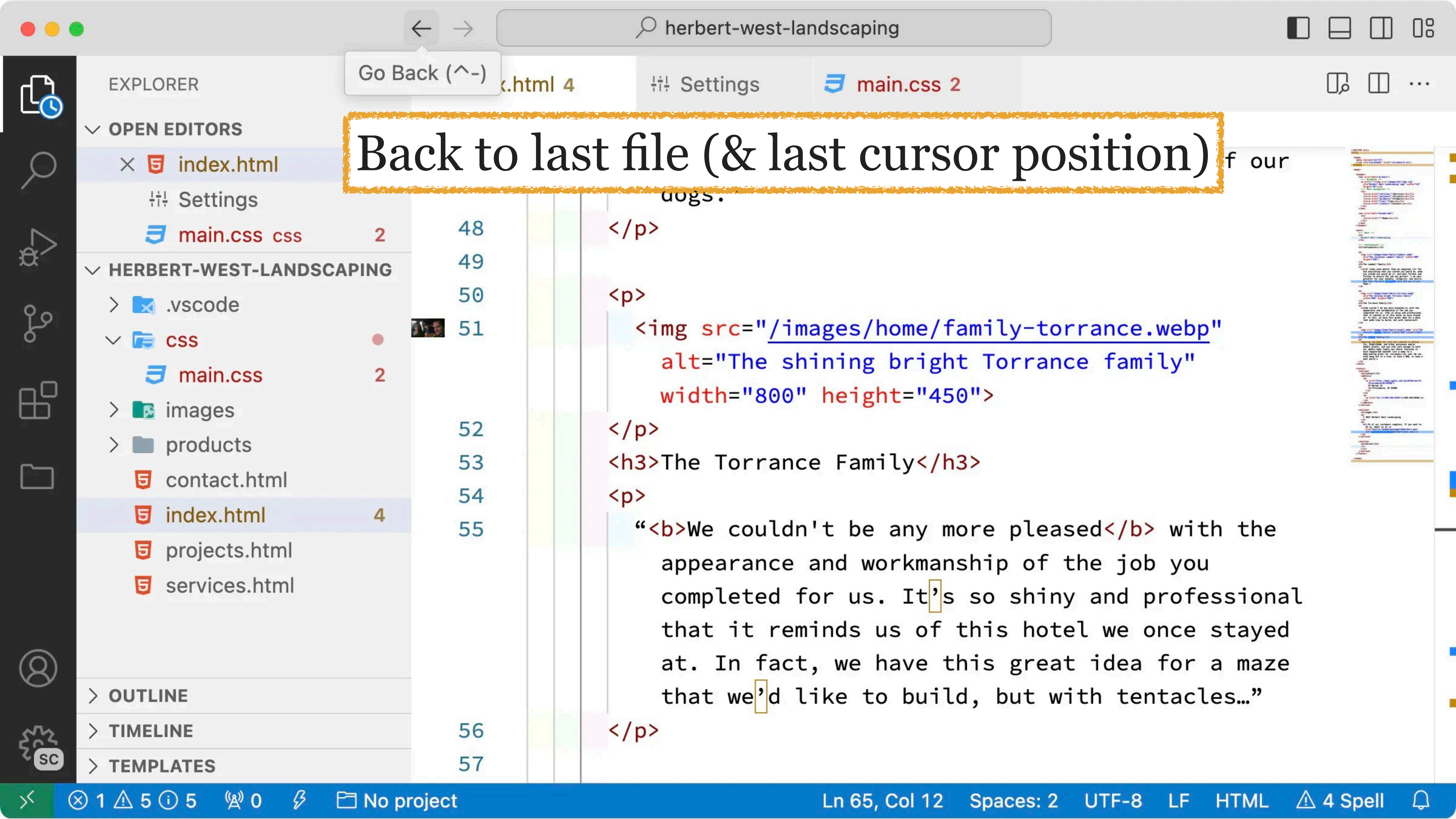
<p>

"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

</p>

Back & Forward buttons





Back to last file (& last cursor position) of our

</p>

<p>

</p>

<h3>The Torrance Family</h3>

<p>

"We couldn't be any more pleased with the
appearance and workmanship of the job you
completed for us. It's so shiny and professional
that it reminds us of this hotel we once stayed
at. In fact, we have this great idea for a maze
that we'd like to build, but with tentacles..."

</p>

Go Forward (^⏏-)

herbert-west-landscaping

Settings

main.css 2

Forward to next file (& last cursor position)

dogs.

</p>

<p>

``

</p>

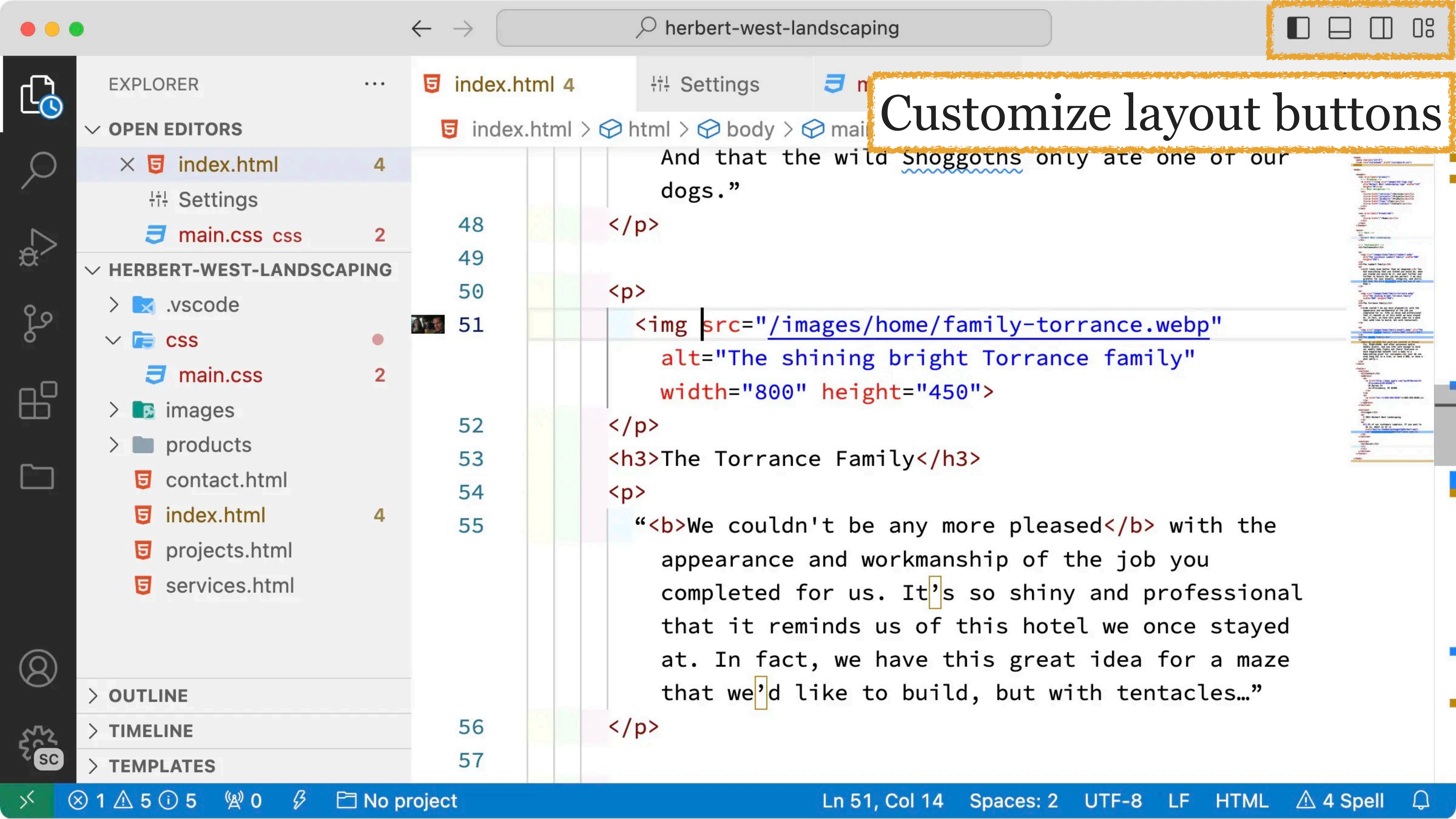
`<h3>The Torrance Family</h3>`

<p>

`"We couldn't be any more pleased with the
appearance and workmanship of the job you
completed for us. It's so shiny and professional
that it reminds us of this hotel we once stayed
at. In fact, we have this great idea for a maze
that we'd like to build, but with tentacles..."`

</p>





Customize layout buttons

And that the wild Snoggoths only ate one of our dogs."

</p>

<p>

</p>

<h3>The Torrance Family</h3>

<p>

"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

</p>



and further to ensure the job was perfect. I am very grateful for your honesty, integrity, and skills. And that the wild Shoggoths only ate one of our dogs.”

</p>

<p>

```

```

</p>

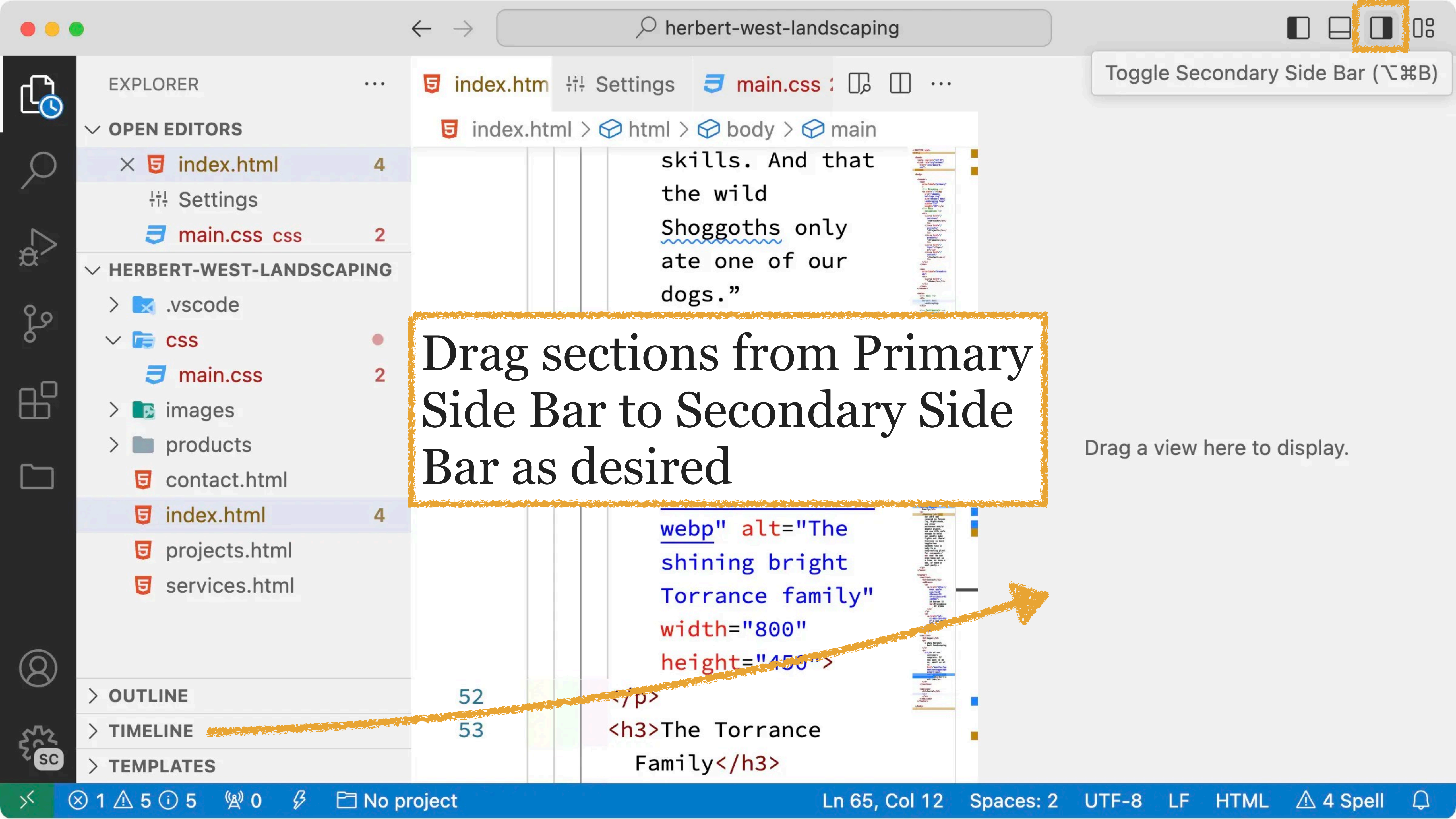
The Torrance Family

<p>

“****We couldn't be any more pleased**** with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles...”

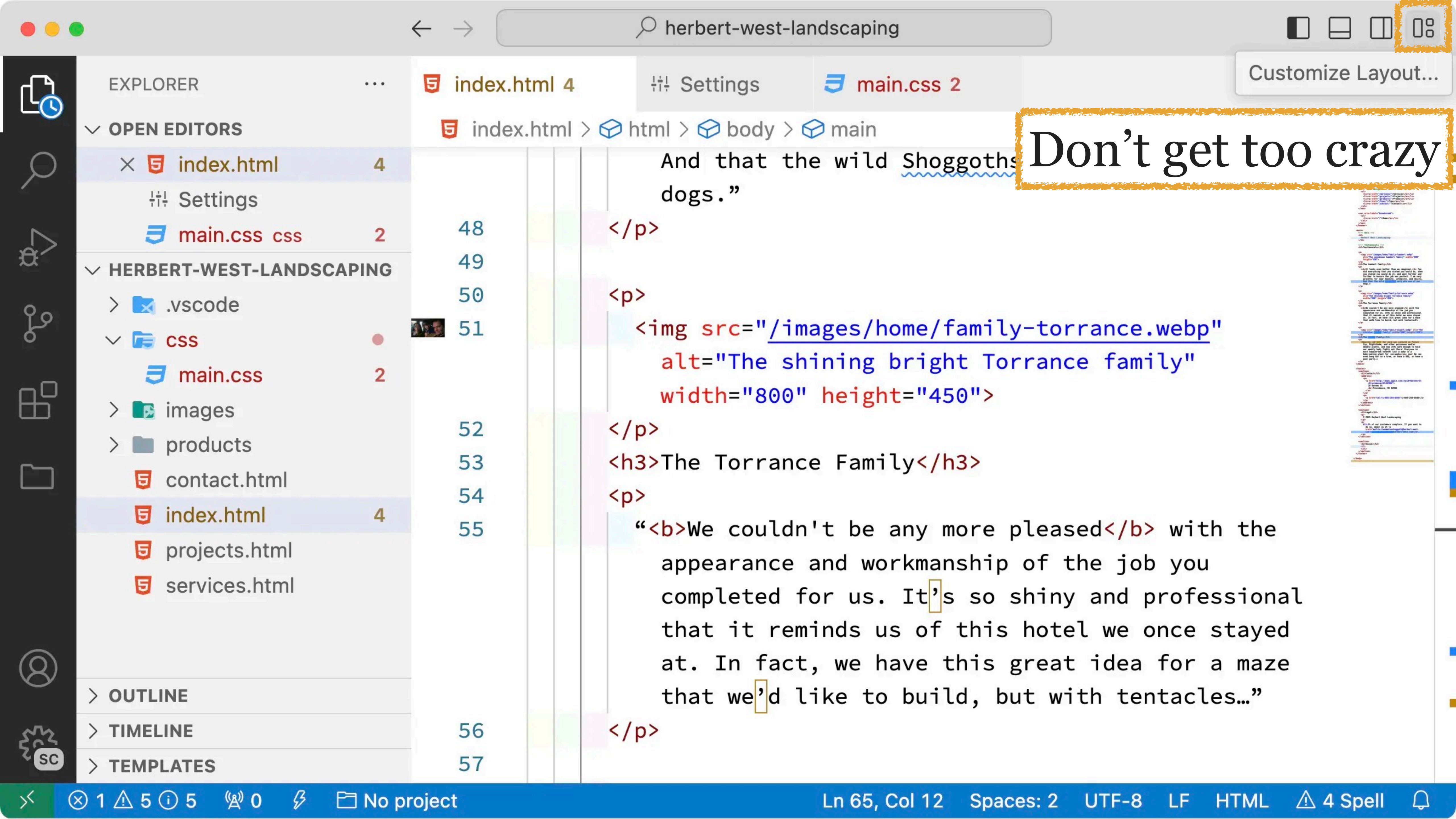
</p>

<p>

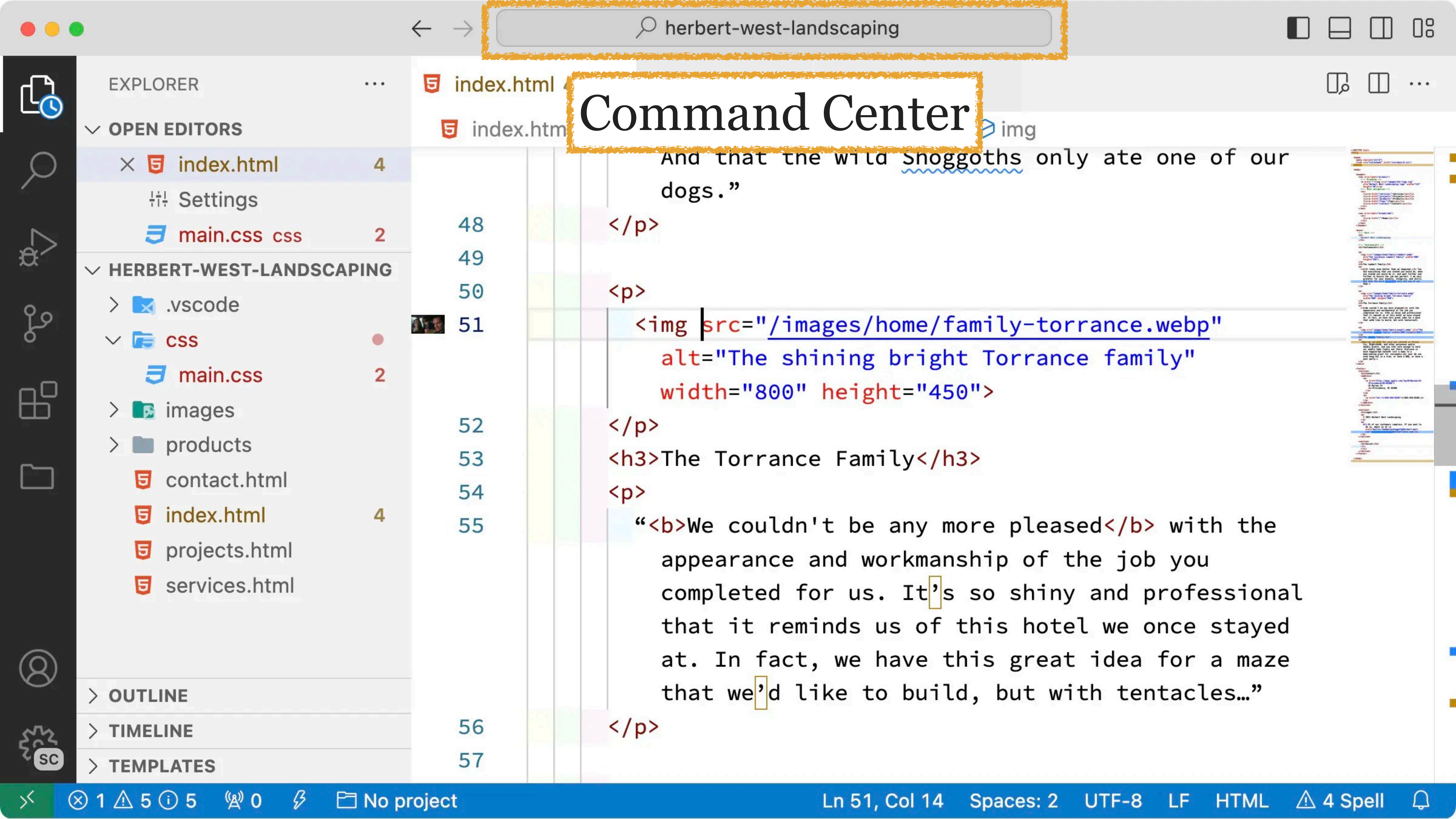


Drag sections from Primary Side Bar to Secondary Side Bar as desired

Drag a view here to display.



Don't get too crazy



Command Center

And that the wild snoggoths only ate one of our dogs."

</p>

<p>

</p>

<h3>The Torrance Family</h3>

<p>

"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

</p>

Opens Command Palette (more in a moment)

Search files by name (append : to go to line or @ to go to symbol)

Go to File

Show and Run Commands >

Search for Text (Experimental) %

More ?

index.html

recently opened

bp"

width="800" height="450">

</p>

<h3>The Torrance Family</h3>

<p>

"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

</p>

Search files by name (append : to go to line or @ to go to symbol)

Start Debugging debug

Run Task task

Search for Text (Experimental) %

More ?

index.html

recently opened

services.html

contact.html

projects.html

main.css

Scroll down to select recently opened files

e of our

bp"

<p>

"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

</p>

Search files by name (append : to go to line or @ to go to symbol)

Go to Symbol in Editor @

Start Debugging debug

Run Task task

Search for Text (Experimental) %

More ?

index.html

services.html

contact.html

recently opened

Open to the Side

Splits the current editor to show the selected file on the right

e of our

hell

contact.html

index.html 4

projects.html

services.html

> OUTLINE

> TIMELINE

> TEMPLATES

54

55

56

57

<p>

"We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It's so shiny and professional that it reminds us of this hotel we once stayed at. In fact, we have this great idea for a maze that we'd like to build, but with tentacles..."

</p>

EXPLORER

▼ OPEN EDITORS

GROUP 1

index.html 4

⚙️ Settings

 main.css css 2

GROUP 2

× services.html

✓ HERBERT-WEST-LANDSCAPING

>  .vscode

▼ CSS

 main.css 2

>  images

>  products

 contact.html

index.html 4

[!\[\]\(56549452e01ca28bdf2500ced9653143_img.jpg\) projects.html](#)

> OUTLINE

> TIMELINE

> TEMPLATES

index.html Settings main.css 2 ...

 index.html >  html >  body >  main

integrity, and skills. And that the wild Shoggoths only ate one of our dogs.”

</p>

<p>

```

```

services.html

services.html > ...

```
1 <!DOCTYPE html>
```

```
2 <html lang="en">
```

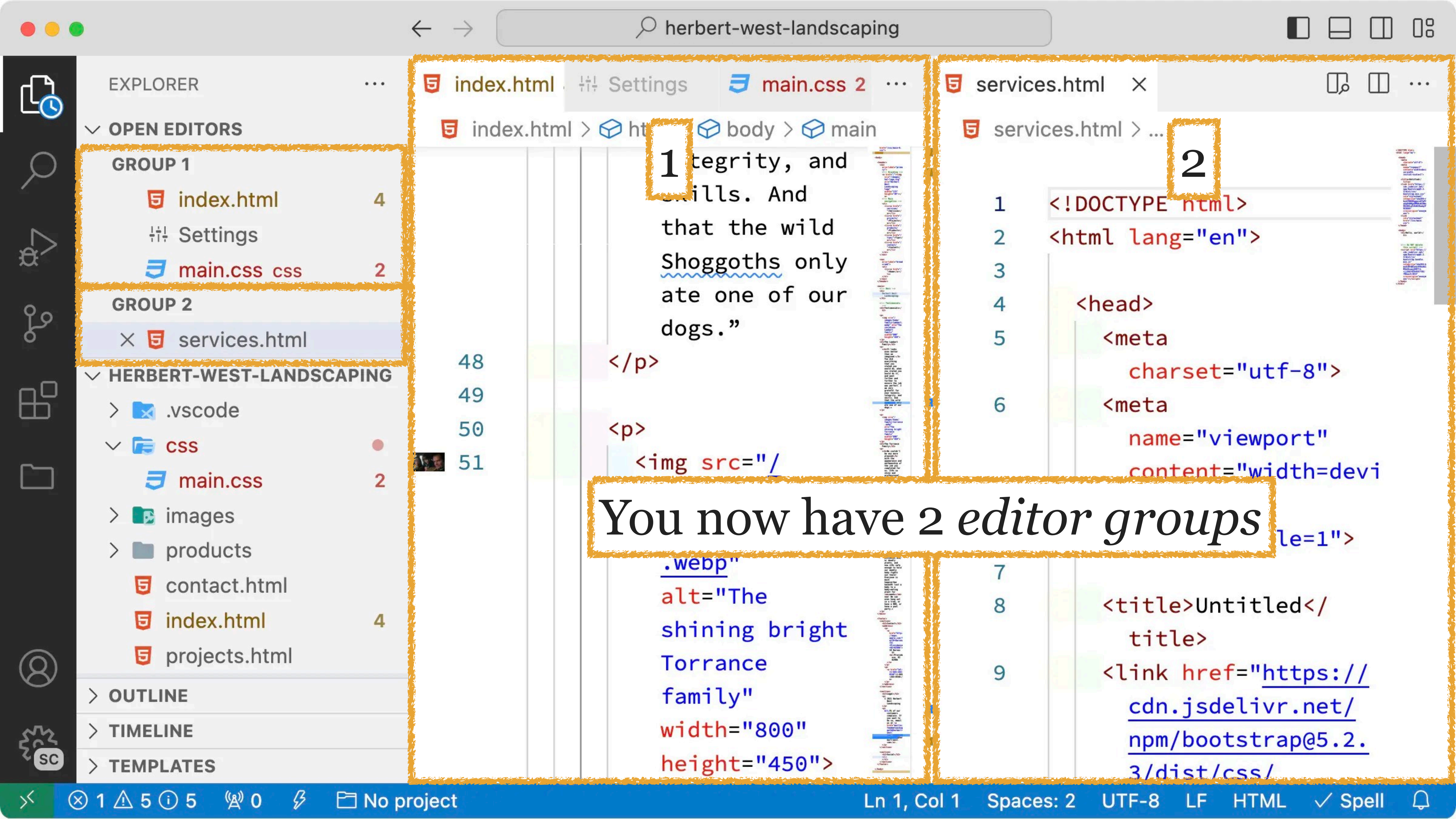
<head>

```
<meta charset="utf-8">
```

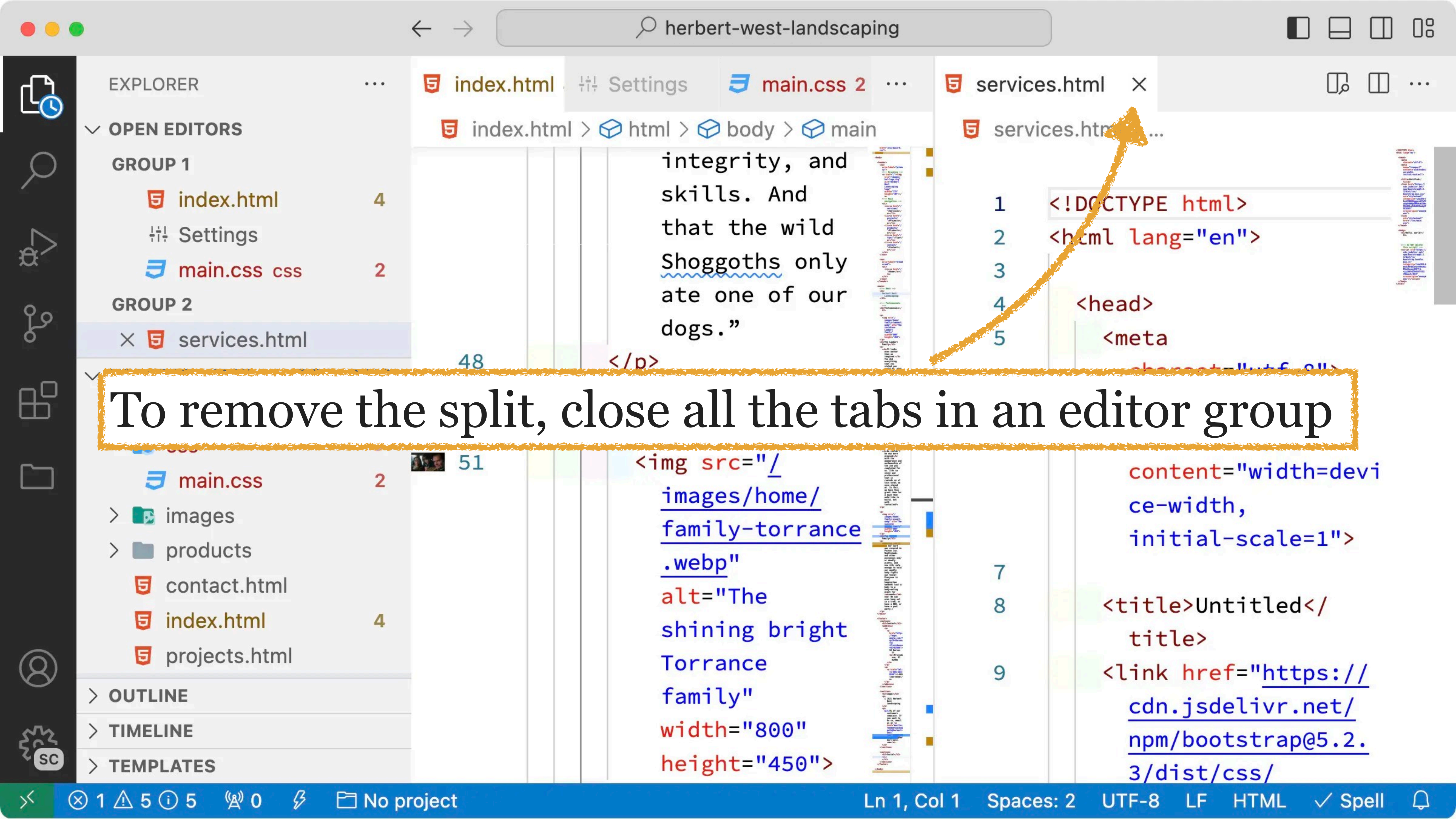
```
<meta  
  name="viewport"  
  content="width=device-width,  
  initial-scale=1">
```

```
<title>Untitled</
title>
```

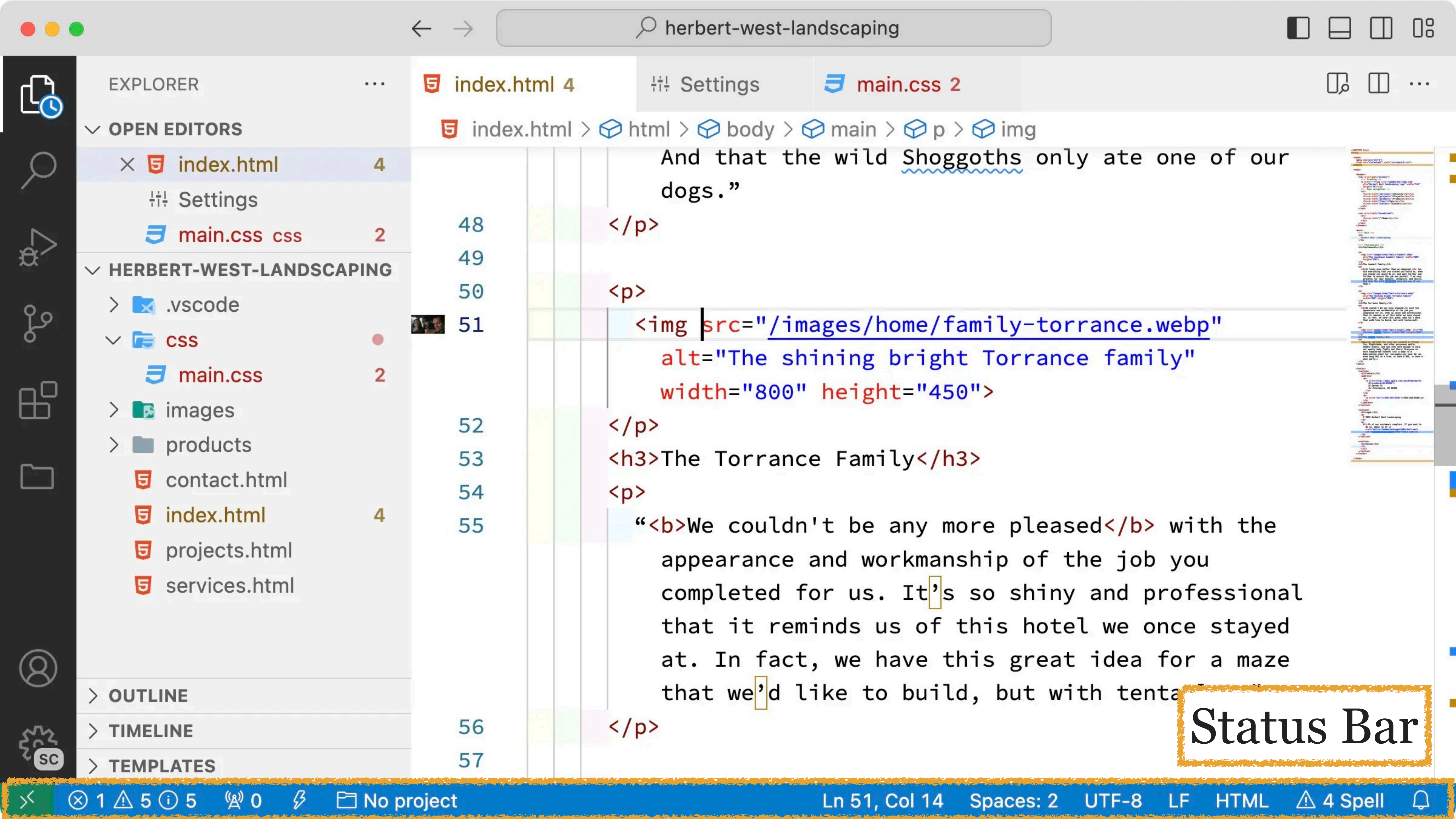
```
<link href="https://  
cdn.jsdelivr.net/  
npm/bootstrap@5.2.  
3/dist/css/
```

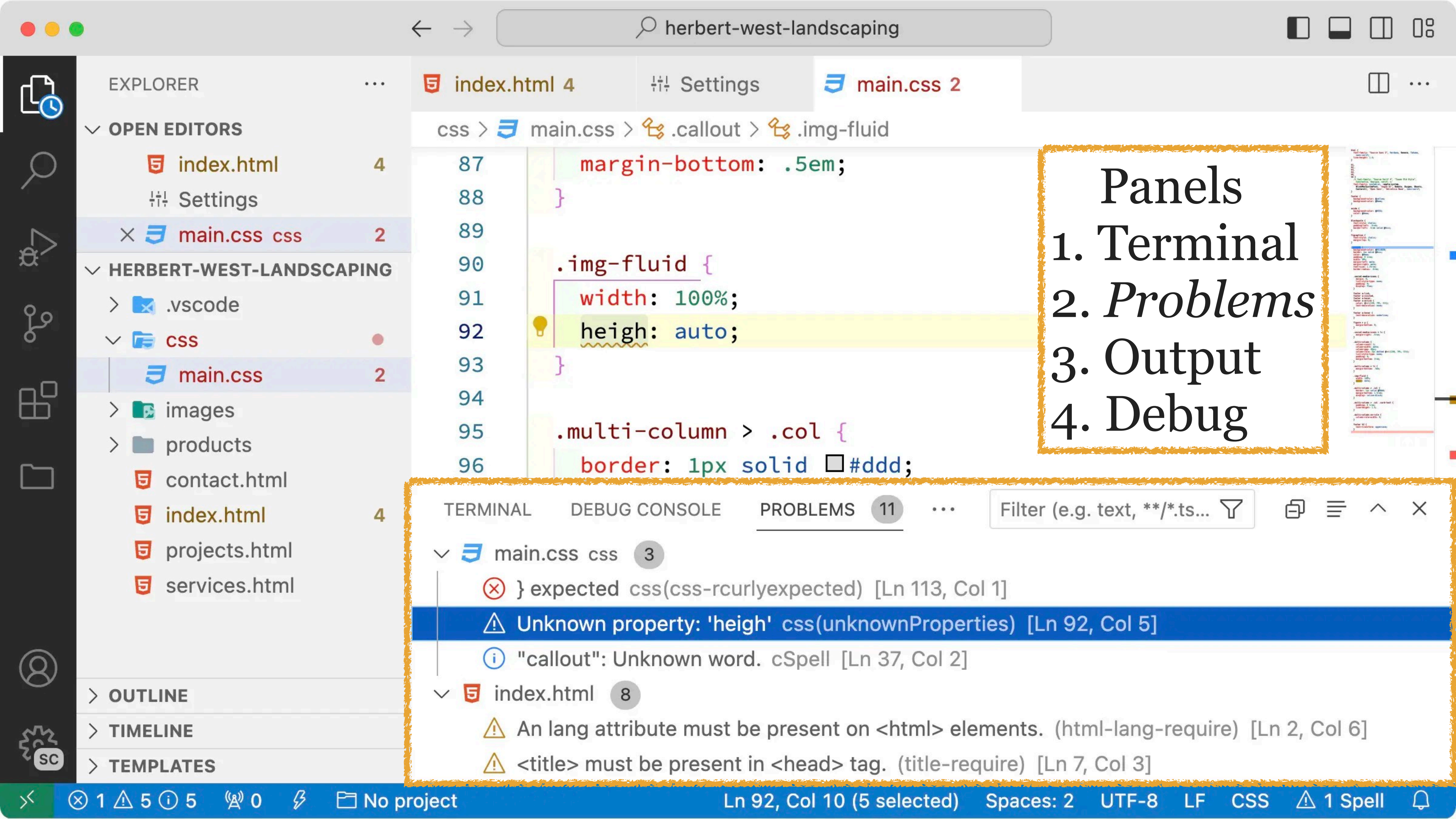
You now have 2 *editor groups*



To remove the split, close all the tabs in an editor group



Status Bar



- # Panels
1. Terminal
 2. *Problems*
 3. Output
 4. Debug

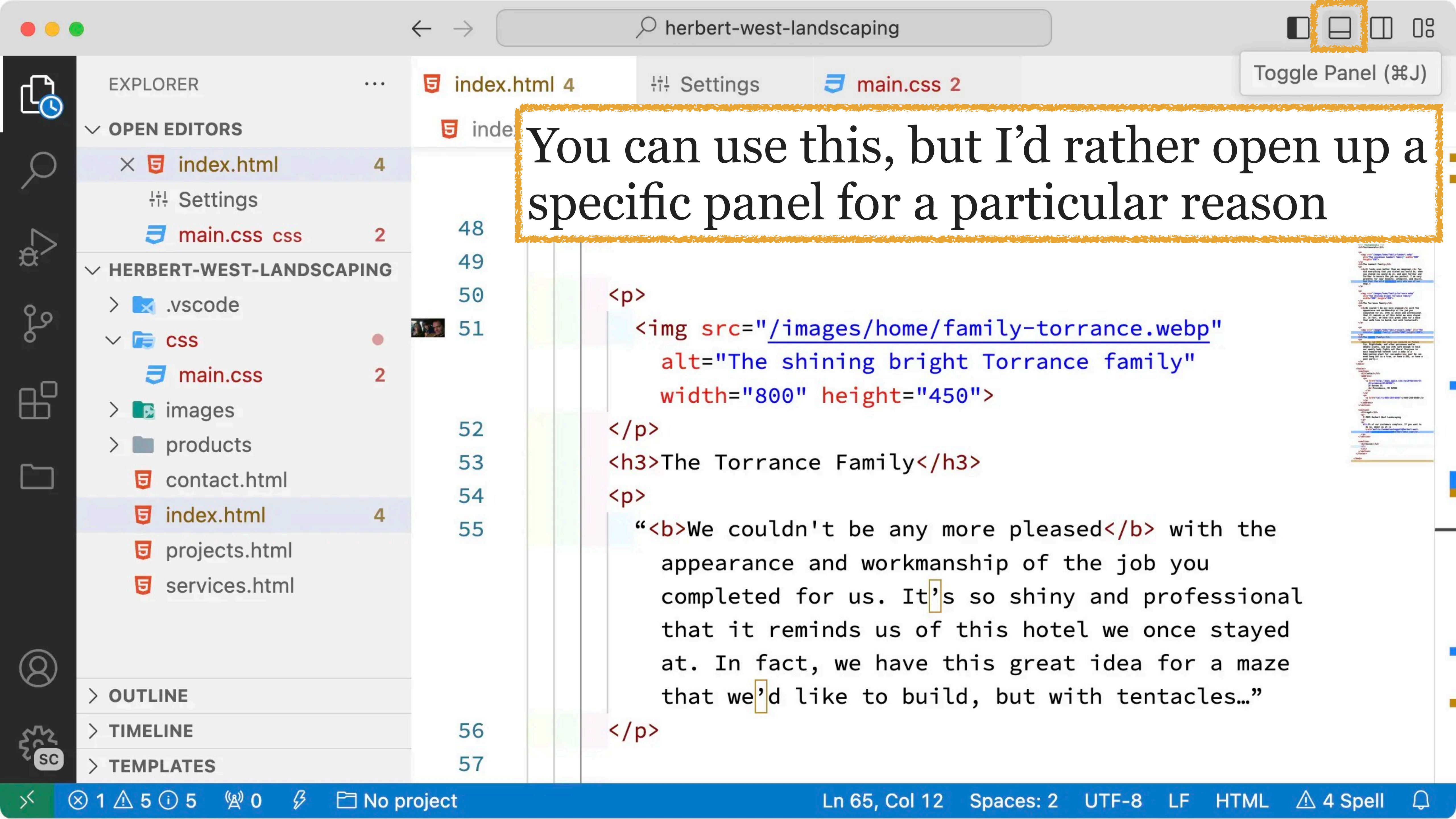
TERMINAL DEBUG CONSOLE PROBLEMS 11 Filter (e.g. text, **/*.ts...)

main.css css 3

- ✗ } expected css(css-rcurlyexpected) [Ln 113, Col 1]
- ⚠ Unknown property: 'heigh' css(unknownProperties) [Ln 92, Col 5]
- ℹ "callout": Unknown word. cSpell [Ln 37, Col 2]

index.html 8

- ⚠ An lang attribute must be present on <html> elements. (html-lang-require) [Ln 2, Col 6]
- ⚠ <title> must be present in <head> tag. (title-require) [Ln 7, Col 3]



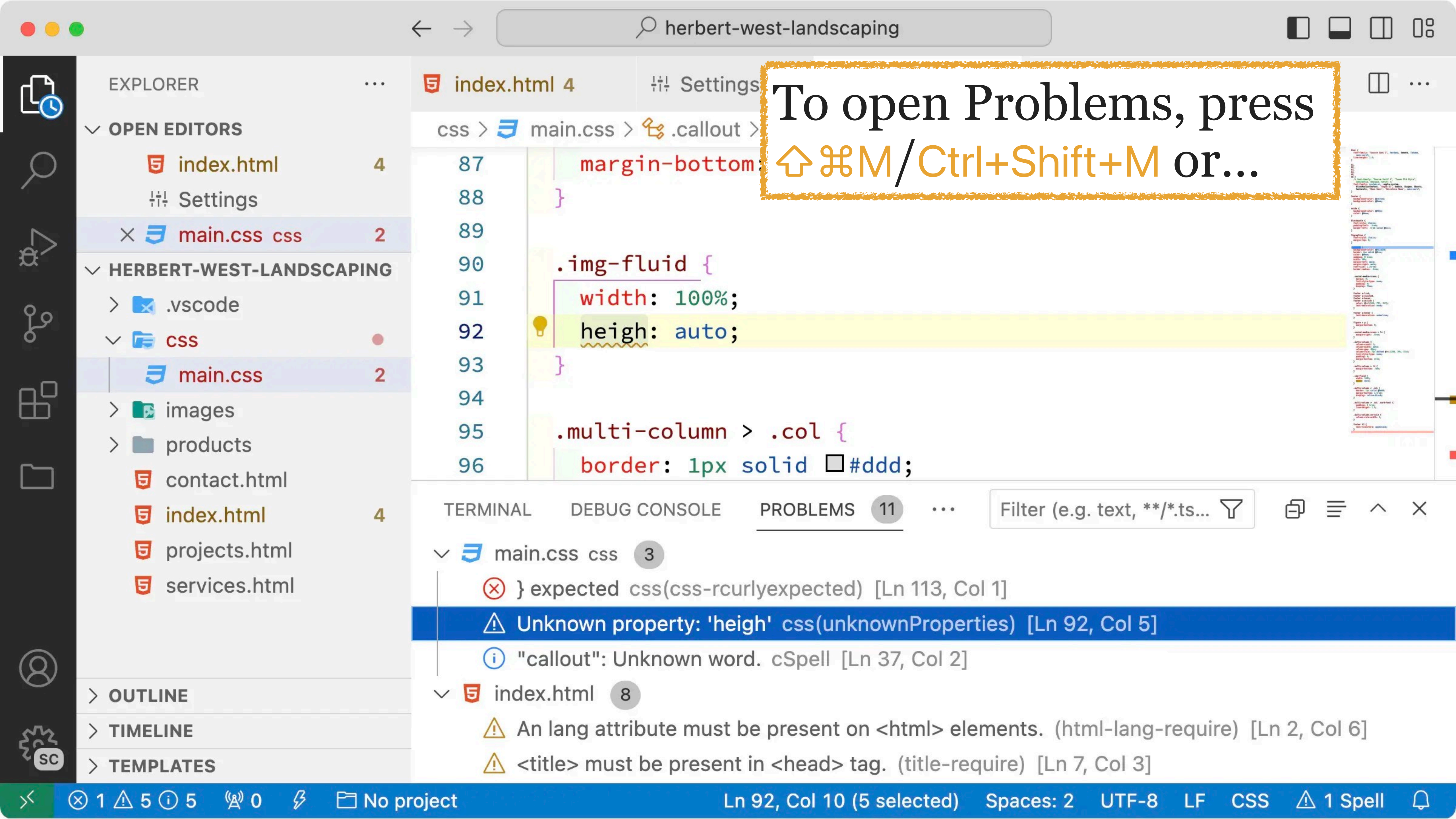
You can use this, but I'd rather open up a specific panel for a particular reason

```
<p>  
  
```

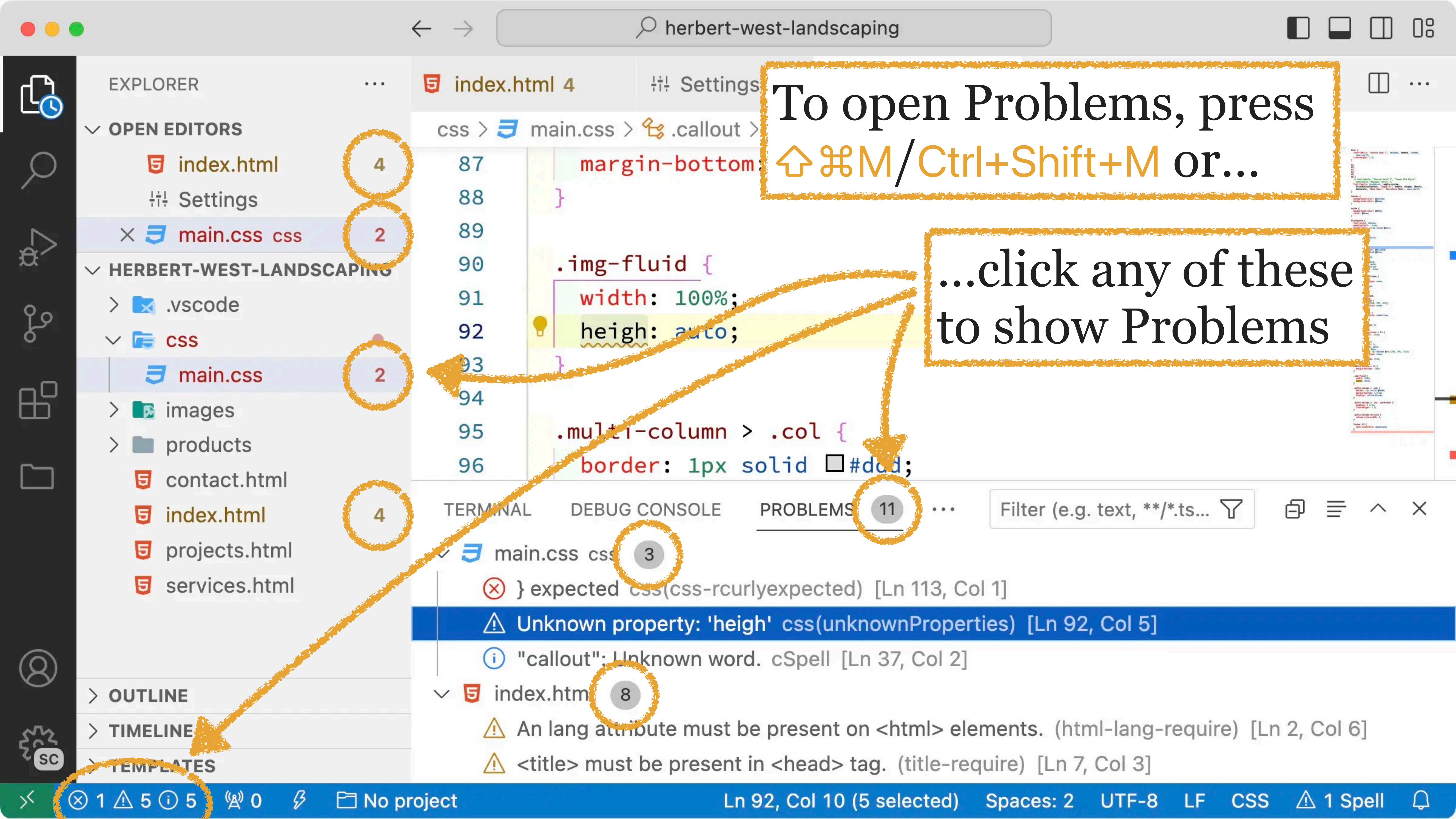
```
</p>  
<h3>The Torrance Family</h3>
```

```
<p>  
  “<b>We couldn't be any more pleased</b> with the  
    appearance and workmanship of the job you  
    completed for us. It's so shiny and professional  
    that it reminds us of this hotel we once stayed  
    at. In fact, we have this great idea for a maze  
    that we'd like to build, but with tentacles...”
```

```
</p>
```

To open Problems, press
⇧⌘M / Ctrl+Shift+M or...



To open Problems, press
⌘M / Ctrl+Shift+M or...

...click any of these
to show Problems

4

2

2

4

3

8

11

1 5 5

Ln 92, Col 10 (5 selected) Spaces: 2 UTF-8 LF CSS 1 Spell

Click on a specific problem to jump to that line in that file (here, line 92 in `main.css`)

herbert-west-landscaping

EXPLORER

index.html 4 Settings main.css 2

css > main.css > .callout > .img-fluid

```
87     margin-bottom: .5em;
88 }
89
90     .img-fluid {
91         width: 100%;
92         heigh: auto;
93     }
94
95     .multi-column > .col {
96         border: 1px solid #ddd;
```

TERMINAL DEBUG CONSOLE PROBLEMS 11

Filter (e.g. text, **/*.ts...)

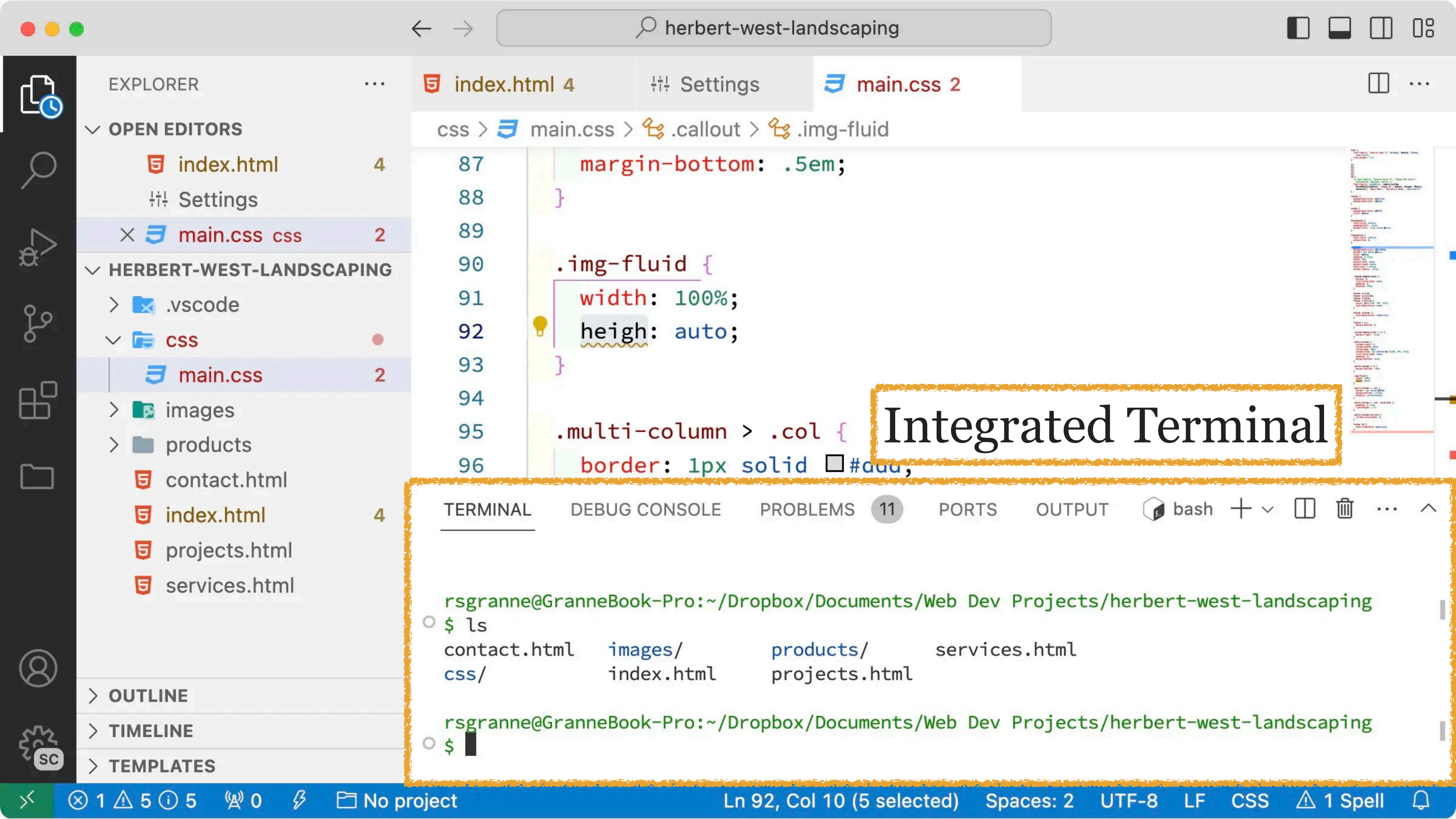
main.css css 3

- ✗ } expected css(css-rcurlyexpected) [Ln 113, Col 1]
- ⚠ Unknown property: 'heigh' css(unknownProperties) [Ln 92, Col 5]
- ℹ "callout": Unknown word. cSpell [Ln 37, Col 2]

index.html 8

- ⚠ An lang attribute must be present on <html> elements. (html-lang-require) [Ln 2, Col 6]
- ⚠ <title> must be present in <head> tag. (title-require) [Ln 7, Col 3]

Ln 92, Col 10 (5 selected) Spaces: 2 UTF-8 LF CSS 1 Spell



EXPLORER

...

index.html 4

Settings

main.css 2

□ □ ...

OPEN EDITORS

index.html 4

Settings

main.css css 2

HERBERT-WEST-LANDSCAPING

.vscode

css

main.css 2

images

products

contact.html

index.html 4

projects.html

services.html

OUTLINE

TIMELINE

TEMPLATES

css > main.css > .callout > .img-fluid

```
87     margin-bottom: .5em;
88   }
89
90   .img-fluid {
91     width: 100%;
92     heigh: auto;
93   }
94
95   .multi-column > .col {
96     border: 1px solid #aaa;
```

Integrated Terminal

TERMINAL

DEBUG CONSOLE

PROBLEMS

11

PORTS

OUTPUT

bash

+

✓

□

🗑

...

^

rsgranne@GranneBook-Pro:~/Dropbox/Documents/Web Dev Projects/herbert-west-landscaping

\$ ls

contact.html images/ products/ services.html
css/ index.html projects.html

rsgranne@GranneBook-Pro:~/Dropbox/Documents/Web Dev Projects/herbert-west-landscaping

\$

Settings

Now we need to edit VS Code's settings

🍏: Code > Preferences > Settings (or press ⌘,)

☰: (≡) > File > Preferences > Settings (or press Ctrl+,)

Open Settings (JSON)

User Workspace

Commonly Used

- > Text Editor
- > Workbench
- > Window
- > Features
- > Application
- > Extensions

Commonly Used

Files: Auto Save

Controls auto save of dirty files. Read more about autosave [here](#).

off

Files: Auto Save Delay

Controls the delay in ms after which a dirty file is saved automatically. Only applies when [Files: Auto Save](#) is set to **afterDeLay**.

1000

Editor: Font Size

Settings

{...} User Settings



Users > rsgranne > Library > Application Support > Code > User > {...} settings.json > ...

Search Settings

Total 1356 Settings

DEFAULT USER SETTINGS

Place your settings in the right hand side editor to override.

✓ Commonly Used (11)

```
// Controls auto save of dirty files. Read
more about autosave [here](https://
code.visualstudio.com/docs/editor/
codebasics#_save-auto-save).
// - off: A dirty file is never
automatically saved.
// - afterDelay: A dirty file is
automatically saved after the configured
`files.autoSaveDelay`.
// - onFocusChange: A dirty file is
automatically saved when the editor loses
focus
```

USER

WORKSPACE

Place your settings here to override the Default Settings

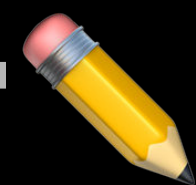
```
1 // Place your settings in this file to
  // overwrite the default settings
2 {
3   // "autoprefixer.formatOnSave":
    false,
4   "bracket-pair-colorizer-2.colors": [
5     "Orange",
6     "Orchid",
7     "LightSkyBlue"
8   ],
9   "colorHelper.formatsOrder": [
10    "hsl",
11    "hex",
12    "named"
13  ],
```


VS Code stores settings in `settings.json`

JSON: JavaScript Object Notation

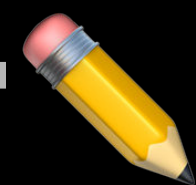
Open standard file format

Stores data in key:value pairs & arrays



SIDE NOTE

```
{  
  "autoprefixer.formatOnSave": true,  
  "colorHelper.formatsOrder": [  
    "hsl",  
    "hex",  
    "named"  
  ],  
  "editor.fontSize": 16,  
  // Enable for my own projects  
  "editor.formatOnSave": false,  
  "editor.wordWrap": "wordWrapColumn",  
  "workbench.colorTheme": "Seti Monokai"  
}
```

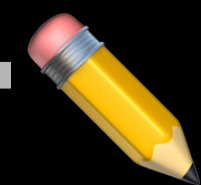



SIDE NOTE

{

```
"autoprefixer.formatOnSave": true,  
"colorHelper.formatsOrder": [  
  "hsl",  
  "hex",  
  "named"  
],  
"editor.fontSize": 16,  
// Enable for my own projects  
"editor.formatOnSave": false,  
"editor.wordWrap": "wordWrapColumn",  
"workbench.colorTheme": "Seti Monokai"
```

}



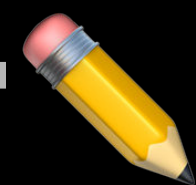
SIDE NOTE

"Key": Value
(Boolean or #)

```
{  
  "autoprefixer.formatOnSave": true,  
  "colorHelper.formatsOrder": [  
    "hsl",  
    "hex",  
    "named"  
  ],  
  "editor.fontSize": 16,  
  // Enable for my own projects  
  "editor.formatOnSave": false,  
  "editor.wordWrap": "wordWrapColumn",  
  "workbench.colorTheme": "Seti Monokai"  
}
```

"Key": [Array]

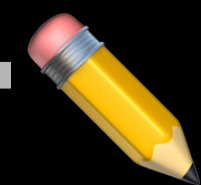
"Key": "Value"
(String)



SIDE NOTE

```
{
  "autoprefixer.formatOnSave": true,
  "colorHelper.formatsOrder": [
    "hsl",
    "hex",
    "named"
  ],
  "editor.fontSize": 16,
  // Enable for my own projects
  "editor.formatOnSave": false,
  "editor.wordWrap": "wordWrapColumn",
  "workbench.colorTheme": "Seti Monokai"
}
```

Comments not allowed
in JSON, but are in
`settings.json`
(thanks, Microsoft!)

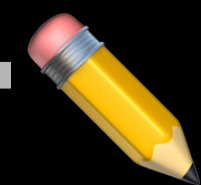


SIDE NOTE

```
{  
  "autoprefixer.formatOnSave": true,  
  "colorHelper.formatsOrder": [  
    "hsl",  
    "hex",  
    "named"  
  ],  
  "editor.fontSize": 16,  
  // Enable for my own projects  
  "editor.formatOnSave": false,  
  "editor.wordWrap": "wordWrapColumn",  
  "workbench.colorTheme": "Seti Monokai"  
}
```

Commas after every **key:value** pair...

...except the last one



SIDE NOTE

```
{  
  "autoprefixer.formatOnSave": true,  
  "colorHelper.formatsOrder": [  
    "hsl",  
    "hex",  
    "named"  
  ],  
  "editor.fontSize": 16,  
  // Enable for my own projects  
  "editor.formatOnSave": false,  
  "editor.wordWrap": "wordWrapColumn",  
  "workbench.colorTheme": "Seti Monokai"  
}
```

Commas after every **value** in an array...

...except the last one

Let's replace the default settings with some I've created

Go to <https://chnsa.ws/1c7>

Click the Raw button

On the following page, press ⌘A/Ctrl+A to select all of the code

Press ⌘C/Ctrl+C to copy the snippet code (everything from — & including! — the first { to the last })

Go back to VS Code & click in User Settings

Select all of the content in your settings by pressing ⌘A/Ctrl+A

Paste the settings you copied with ⌘V/Ctrl+V, overwriting what was there

Save what you just pasted in by pressing ⌘S/Ctrl+S (if the font gets bigger, it worked)

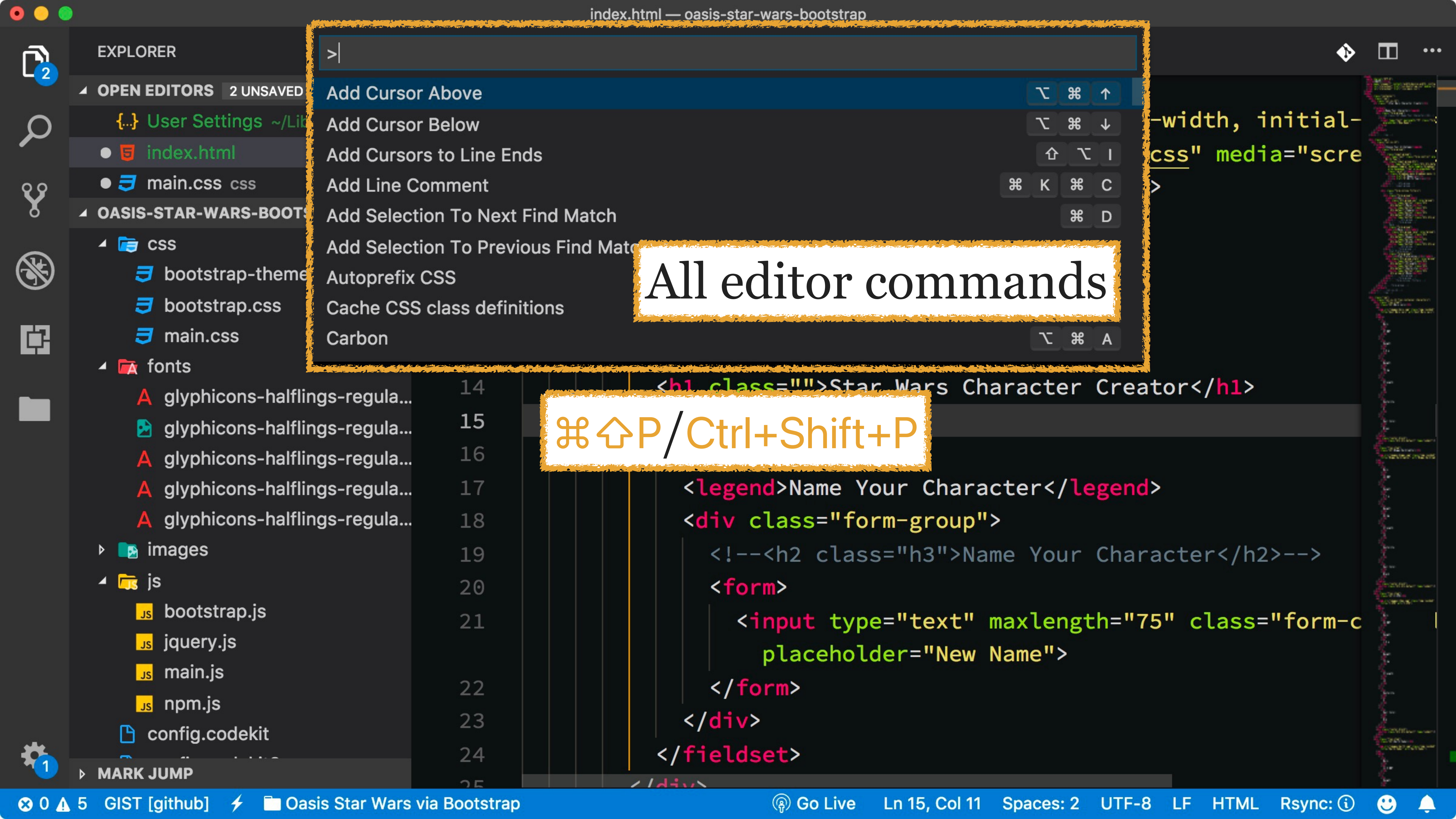
Close User Settings by clicking the × on its tab or by pressing ⌘W/Ctrl+W

Key Features

Command Palette

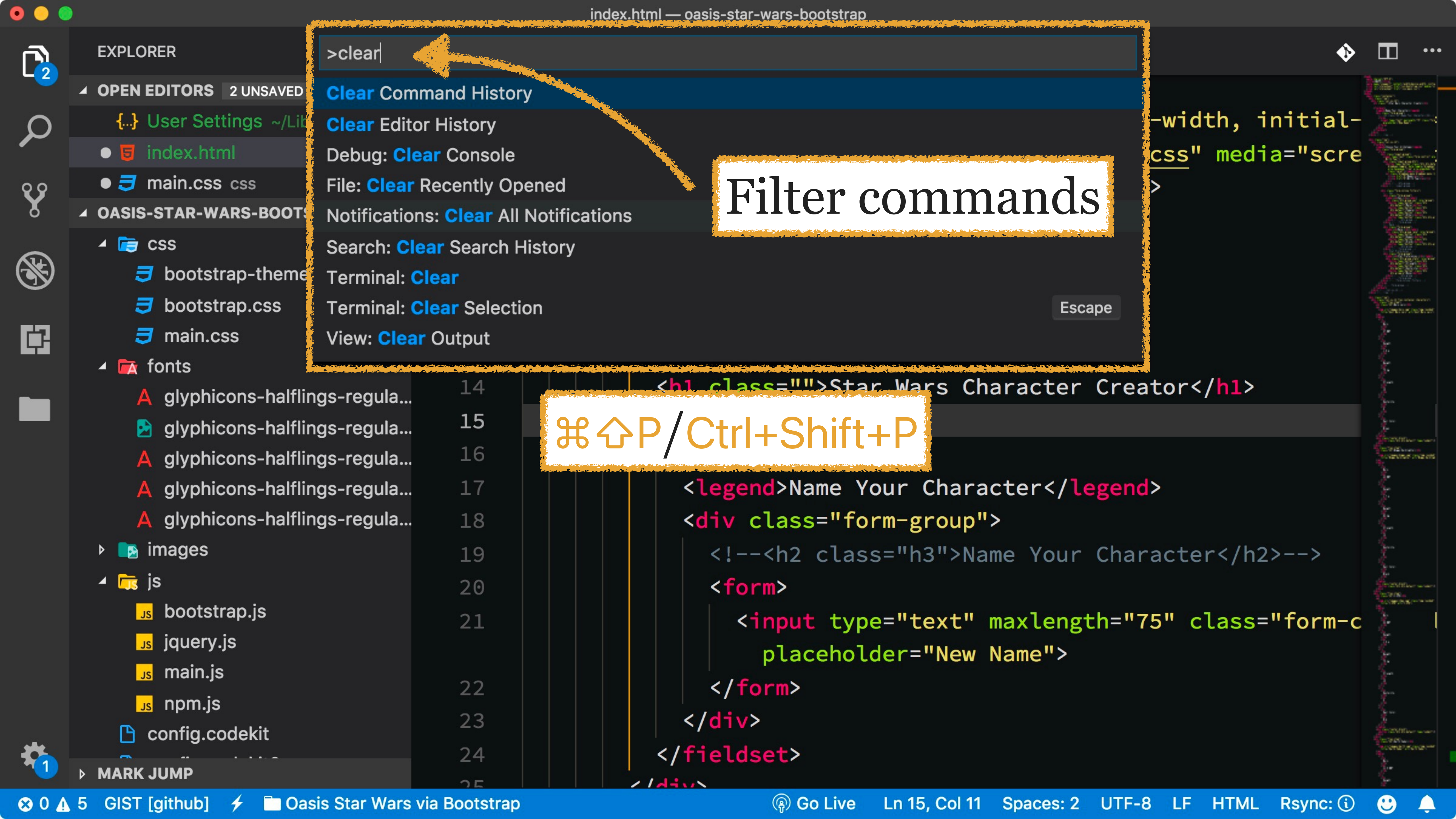
⌘⇧P / Ctrl+Shift+P opens the *Command Palette* so you can run editor commands that affect your code

You will use this a lot, so get used to it



All editor commands

⇧P / Ctrl+Shift+P



EXPLORER

OPEN EDITORS 2 UNSAVED

User Settings ~/Lib

index.html

main.css css

OASIS-STAR-WARS-BOOTSTRAP

css

bootstrap-theme

bootstrap.css

main.css

fonts

glyphicons-halflings-regula... 14

glyphicons-halflings-regula... 15

glyphicons-halflings-regula... 16

glyphicons-halflings-regula... 17

glyphicons-halflings-regula... 18

images

js

bootstrap.js

jquery.js

main.js

npm.js

config.codekit

MARK JUMP

>clear

Clear Command History

Clear Editor History

Debug: Clear Console

File: Clear Recently Opened

Notifications: Clear All Notifications

Search: Clear Search History

Terminal: Clear

Terminal: Clear Selection

View: Clear Output

Escape

Filter commands

⌘⇧P / Ctrl+Shift+P

<h1 class="">Star Wars Character Creator</h1>

<legend>Name Your Character</legend>

<div class="form-group">

<!--<h2 class="h3">Name Your Character</h2>-->

<form>

<input type="text" maxlength="75" class="form-c
placeholder="New Name">

</form>

</div>

</fieldset>

</div>

EXPLORER

OPEN EDITORS 2 UNSAVED

{...} User Settings ~/Lib

● index.html

● main.css css

OASIS-STAR-WARS-BOOT

css

bootstrap-theme

bootstrap.css

main.css

fonts

A glyphs-halflings-regula... 14

glyphs-halflings-regula... 15

A glyphs-halflings-regula... 16

A glyphs-halflings-regula... 17

A glyphs-halflings-regula... 18

images 19

js 20

JS bootstrap.js 21

JS jquery.js

JS main.js 22

JS npm.js 23

config.codekit 24

MARK JUMP

>

Format Document

CSSComb: Format styles

Files: New File from template

Go to Definition

Peek Definition

Show Hover

Lorem Ipsum: Insert multiple paragraphs

Lorem Ipsum: Insert a paragraph

Placeholder Images: Insert new image

Most recent editor commands at top

  P / Ctrl+Shift+P

<h1 class="">Star Wars Character Creator</h1>

<legend>Name Your Character</legend>

<div class="form-group">

<!--<h2 class="h3">Name Your Character</h2>-->

<form>

<input type="text" maxlength="75" class="form-c
placeholder="New Name">

</form>

</div>

</fieldset>

</div>

IntelliSense

IntelliSense combines several features

We care about *code completion* & *quick info*

Code completion

As you type, IntelliSense lists suggestions in a small pop up

Suggestions depend on the language you're working in

If you continue typing, the list filters to include only items containing your typed characters

Press Tab or Enter to insert the selected list item

1

2

3

4

5

6

7

8

9

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11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

EXPLORED

OPEN EDITORS 1 UNSAVED

index.html 2

STAR-WARS-BOOTSTRAP

CSS

main.css

fonts

images

js

main.js

index.html

OUTLINE

TEMPLATES

index.html

index.html > html > body > main.container > div.row > div.col-xs-12 > p

8

9

10

11

12

13

14

15

16

22

23

24

25

26

Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

<link rel="stylesheet" href="/css/main.css">

</head>

<body>

<main class="container">

<div class="row">

<div class="col-xs-12">

<h1 class="">Star Wars Character Creator</h1>

<p

<input type="text" maxlength="75"

class="form-control" placeholder="New Name">

</form>

</div>

</fieldset>

</div>

The p element represents a paragraph.

MDN Reference

lass="h3">Name Your Character</h2>-->

0 2

Live Share

GIST [github]

UTF-8

LF

HTML

Go Live

Rsync: i

[off]



EXPLORER



OPEN EDITORS 1 UNSAVED

● index.html 2

STAR-WARS-BOOTSTRAP

CSS

main.css

> fonts

> images

js

main.js

index.html 2

> OUTLINE

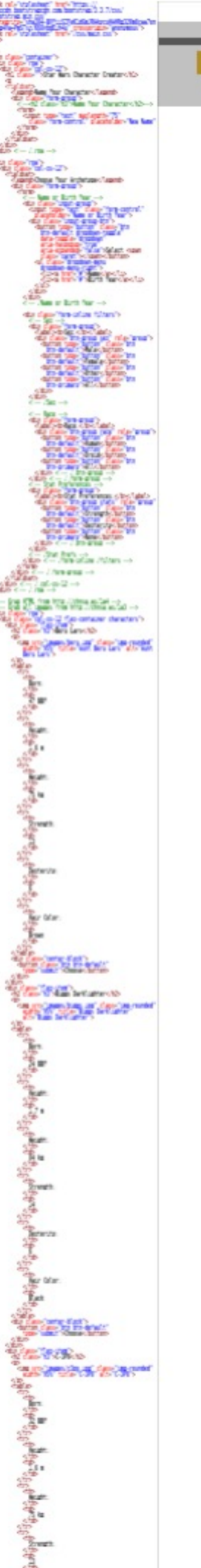
> TEMPLATES

index.html ●



index.html > html > body > main.container > div.row > div.col-xs-12 > p

```
8      Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
9      <link rel="stylesheet" href="/css/main.css">
10     </head>
11
12     <body>
13       <main class="container">
14         <div class="row">
15           <div class="col-xs-12">
16             <h1 class="">Star Wars Character Creator</h1>
17             <p>
18               <fieldset>
19                 <legend>Name Your Character</legend>
20                 <div class="form-group">
21                   <!--<h2 class="h3">Name Your Character</h2-->
22                   <form>
23                     <input type="text" maxlength="75"
24                       class="form-control" placeholder="New Name">
25                   </form>
26                 </div>
27               </fieldset>
28             </p>
29           </div>
30         </div>
31       </main>
32     </body>
33   </html>
```





EXPLORER

OPEN EDITORS 1 UNSAVED

● index.html 2

STAR-WARS-BOOTSTRAP

CSS

main.css

> fonts

> images

js

main.js

index.html 2



> OUTLINE

> TEMPLATES

index.html ●



index.html > html > body > main.container > div.row > div.col-xs-12 > p

8 Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

9 <link rel="stylesheet" href="/css/main.css">

10 </head>

11

12 <body>

13

14

15

16

17

18

19

20

21

22

23

24

25

26

<main class="container">

<div class="row">

<div class="col-xs-12">

<h1 class="">Star Wars Character Creator</h1>

<p

<fieldset>

<legend>Name Your Character</legend>

<div class="form-group">

<!--<h2 class="h3">Name Your Character</h2>-->

<form>

<input type="text" maxlength="75"

class="form-control" placeholder="New Name">

</form>

</div>

</fieldset>

</div>

</body>

</html>

</html>

</html>

</html>

</html>

</html>

Now type a > to complete the tag



0 2 Live Share



GIST [github]

UTF-8

LF

HTML



Go Live

Rsync: i



[off]





EXPLORER

OPEN EDITORS 1 UNSAVED

index.html

STAR-WARS-BOOTSTRAP

CSS

main.css

fonts

images

js

main.js

index.html



> OUTLINE

> TEMPLATES

index.html

index.html > html > body > main.container > div.row > div.col-xs-12 > p

```
8      Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
9      <link rel="stylesheet" href="/css/main.css">
10
11     </head>
12
13     <body>
14       <main class="container">
15         <div class="row">
16           <div class="col-xs-12">
17             <h1 class="">Star Wars Character Creator</h1>
18             <p></p>
19             <fieldset>
20               <legend>Name Your Character</legend>
21               <div class="form-group">
22                 <!--<h2 class="h3">Name Your Character</h2-->
23                 <form>
24                   <input type="text" maxlength="75"
25                     class="form-control" placeholder="New Name">
26                 </form>
27               </div>
28             </fieldset>
29           </div>
30         </div>
31       </main>
32     </body>
33   </html>
```




EXPLORER

OPEN EDITORS 1 UNSAVED

● index.html

STAR-WARS-BOOTSTRAP

CSS

main.css

> fonts

> images

js

main.js

index.html



> OUTLINE

> TEMPLATES

index.html ●



index.html > html > body > main.container > div.row > div.col-xs-12 > p

Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

<link rel="stylesheet" href="/css/main.css">

Let's hit ↵ / Enter to properly format...

<main class="container">

<div class="row">

<div class="col-xs-12">

<h1 class="">Star Wars Character Creator</h1>

<p></p>

<fieldset>

<legend>Name Your Character</legend>

<div class="form-group">

<!--<h2 class="h3">Name Your Character</h2>-->

<form>

<input type="text" maxlength="75"

class="form-control" placeholder="New Name">

</form>

</div>

</fieldset>

</div>








EXPLORER

OPEN EDITORS 1 UNSAVED

index.html

STAR-WAR...    

CSS

main.css

fonts

images

js

main.js

index.html



> OUTLINE

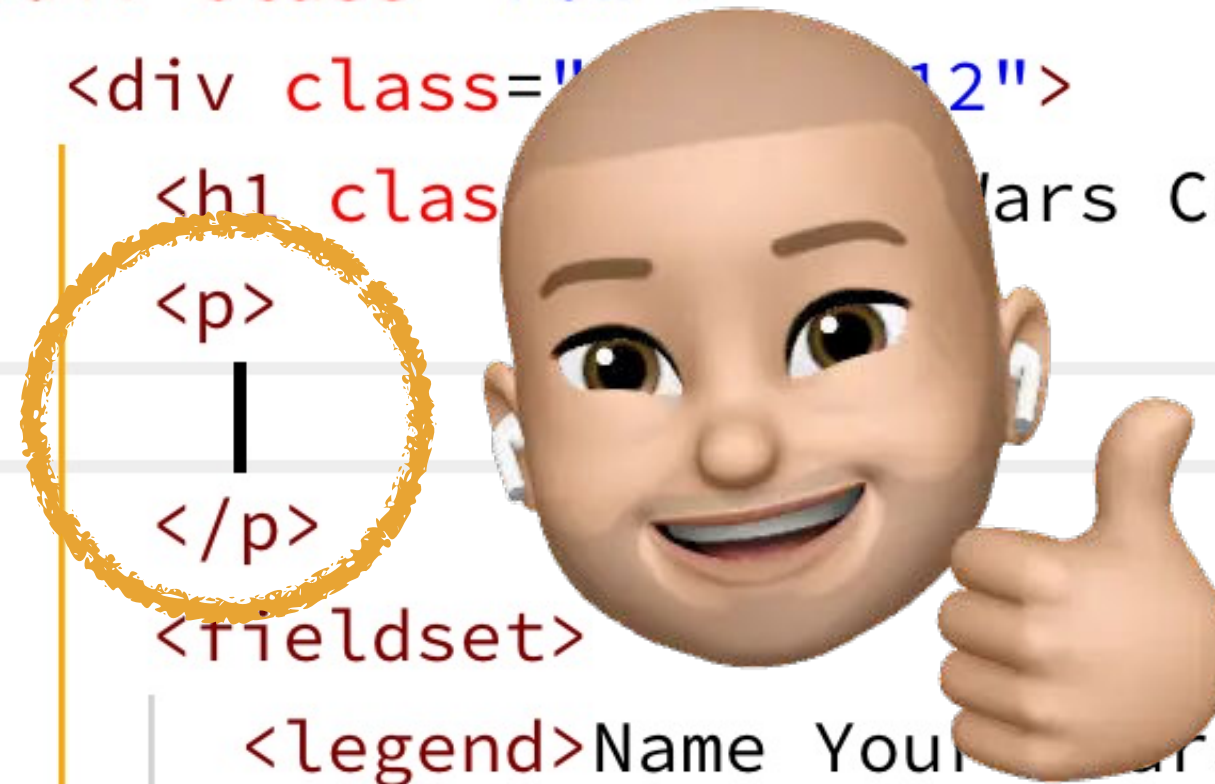
> TEMPLATES

index.html ●



index.html > html > body > main.container > div.row > div.col-xs-12 > p

```
8      Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
9      <link rel="stylesheet" href="/css/main.css">
10     </head>
11     <body>
12       <main class="container">
13         <div class="row">
14           <div class="col-xs-12">
15             <h1 class="h1">Star Wars Character Creator</h1>
16             <p>
17               |
18             </p>
19             <fieldset>
20               <legend>Name Your Character</legend>
21               <div class="form-group">
22                 <!--<h2 class="h3">Name Your Character</h2-->
23                 <form>
24                   <input type="text" maxlength="75"
25                     class="form-control" placeholder="New Name">
26                 </form>
27               </div>
```





EXPLORER

OPEN EDITORS 1 UNSAVED

index.html

STAR-WAR...    

CSS

main.css

fonts

images

js

main.js

index.html

> OUTLINE

> TEMPLATES

index.html

index.html > html > body > main.container > div.row > div.col-xs-12 > p

```
8      Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
9      </head>
10
11     <body>
12         <main class=
13             <div class="row">
14                 <div class="col-xs-12">
15                     <h1 class="">Star Wars Character Creator</h1>
16                     <p>
17                         |
18                     </p>
19                     <fieldset>
20                         <legend>Name Your Character</legend>
21                         <div class="form-group">
22                             <!--<h2 class="h3">Name Your Character</h2-->
23                             <form>
24                                 <input type="text" maxlength="75"
25                                     class="form-control" placeholder="New Name">
26                                 </form>
27                             </div>
```

If only there was a way
to automate that... 🤔

If you don't see the code completion pop up, press   /
Ctrl+Space

Quick info

Very short documentation explaining the purpose of...

- » an HTML element
- » a CSS property or value
- » a JavaScript method & parameter info
- » a Sass variable
- » & much more!

1

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EXPLORER

OPEN EDITORS1 UNSAVED

index.html2

Settings

main.csscss

OASIS-STAR-WARS-BOOTSTRAP

CSS

main.css

fonts

images

js

main.js

index.html

OUTLINE

TEMPLATES

index.html

Settings

main.css

index.html > html > body > main.container > div.row > div.col-xs-12 >

maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/
bootstrap.min.css"
integrity="sha384-BVYi iSIFeK1dGmJRAkycuHAHRg320mUcww
7on3RYdg4Va+PmSTsz/K68vbdEjh4u"
crossorigin="anonymous">
<link rel="stylesheet" href="/css/main.css">
</head>

16<p|

17<fieldset>

18<legend>Name Your Character</legend>

19<div class="form-group">

20<!--<h2 class="h3">Name Your Character</h2>-->

The p element represents a paragraph.

MDN Reference

ol-xs-12">

">Star Wars Character Creator</h1>

02

Live Share

GIST [github]

UTF-8LFHTML

Go Live

Rsync: [i]

[off]

[smiley]

[bell]



<p>: The Paragraph element

Languages

Edit



Jump to: [Attributes](#) [Example](#) [Styling paragraphs](#) [Accessibility concerns](#) [Specifications](#) [Browser compatibility](#) [See also](#)

[Web technology for developers](#) >

[HTML: Hypertext Markup Language](#) >

[HTML elements reference](#) >

<p>: The Paragraph element

Related Topics

[<blockquote>](#)

[<dd>](#)

[<dir>](#)

[<div>](#)

[<dl>](#)

[<dt>](#)

The **HTML <p> element** represents a paragraph. Paragraphs are usually represented in visual media as blocks of text separated from adjacent blocks by blank lines and/or first-line indentation, but HTML paragraphs can be any structural grouping of related content, such as images or form fields.

Paragraphs are [block-level elements](#), and notably will automatically close if another block-level element is parsed before the closing `</p>` tag. See “Tag omission” below.



HTML Demo: <p>

Reset

HTML

CSS

```
1 <p>Geckos are a group of usually small, usually
   nocturnal lizards. They are found on every continent
   except Australia.</p>
```

2

Output

Geckos are a group of usually
small, usually nocturnal lizards.
They are found on every continent

1

🔍

🔗

🐛

📦

🔖

⋮

⚙️

EXPLORER

OPEN EDITORS1 UNSAVED

● index.html2

Settings

main.csscss

OASIS-STAR-WARS-BOOTSTRAP

css

main.css

fonts

images

js

main.js

index.html2

nav

OUTLINE

TEMPLATES

index.html

Settings

main.css

index.html > html > body > main.container > div.row > div.col-xs-12 > na

maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/
bootstrap.min.css"
integrity="sha384-BVYi iSIFeK1dGmJRAkycuHAHRg320mUcww
7on3RYdg4Va+PmSTsz/K68vbdEjh4u"
crossorigin="anonymous">
<link rel="stylesheet" href="/css/main.css">
</head>

<body>
 <main class="cont
 <div class="row
 <div class="c

 <nav
 <fieldset>
 <legend>Name Your Character</legend>
 <div class="form-group">
 <!--<h2 class="h3">Name Your Character</
 h2>-->

The nav element represents a section of a page that links to other pages or to parts within the page: a section with navigation links.

MDN Reference

02Live Share⚡GIST [github]UTF-8LFHTML📶Go LiveRsync: ⓘ👁[off]😊🔔



...




3

> OUTLINE

> TEMPLATES

 **font-size**

 **font-size-adjust**

 font-stretch

 **font-style**



 font-display

 **font**-feature-**s**ettings

font-optical-sizing

 **font**-variation-**settings**

font-variant-east-asian

 **font**-variant-pos**ition**

 **font-variant-caps**

Indicates the desired height of glyphs from the font. ✕

For scalable fonts, the font-size is a scale factor applied to the EM unit of the font. (Note that certain glyphs may bleed outside their EM box.) For non-scalable fonts, the font-size is converted into absolute units and matched against the declared font-size of the font, using the same absolute coordinate space for both of the matched values.

Syntax: <absolute-size> | <relative-size> | <length-percentage>

MDN Reference




...



3

> OUTLINE

> TEMPLATES

 **display:** inline;




 font-**display**

 offset-**distance**

 text-decoration-skip

 text-decoration-skip-ink

 text-decoration-style

 -moz-text-decoration-style

~~scroll-snap-destination~~

92

93

94

95

}

```
.flex-item td {
```

```
padding-left: 1em;
```

dis

In combination with 'float' and 'position', determines the type of box or boxes that are generated for an element.

Syntax: [<display-outside> || <display-inside>] |
<display-listitem> | <display-internal> | <display-box>
| <display-legacy>

MDN Reference

By default, you won't see quick info

Here's how to enable it...

EXPLORER

FOOBAR

index.html

Get Started

index.html

index.html > html > body > p

1 <!doctype html>

2 <html lang="en">

3

4 <head>

5 <meta charset="UTF-8">

6 <title>Untitled Document</title>

7 <link rel="stylesheet" href="/css/main.css">

8 </head>

9

10 <body>

11

12 <p

13 p

14 </bo param

15 picture

16 </html pre

17 progress

Type **<p** & hover over the far right of the blue bar until you see **>**

EXPLORER

FOOBAR

index.html

Get Started

index.html

index.html > html > body > p

1 <!doctype html>

2 <html lang="en">

3

4 <head>

5 <meta charset="UTF-8">

6 <title>Untitled Document</title>

7 <link rel="stylesheet" href="/css/main.css">

8 </head>

9

10 <body>

11

12 <p

13 >

14 </body>

15

16 </html>

17

p

param

picture

pre

progress

The p element represents a paragraph.

MDN Reference

Click on the > & quick info appears

You only have to do this once per language

If you don't see the quick info pop up, press   /
Ctrl+Space

Emmet

Emmet (formerly *Zen Coding*) is a set of plug-ins for text editors that make it very fast to code & edit HTML, CSS, XML, & other structured code formats

Started in 2008 & still going strong

Some editors (like VS Code) come with Emmet built-in



You type `p*3` & Emmet outputs:

`<p>`

`|`

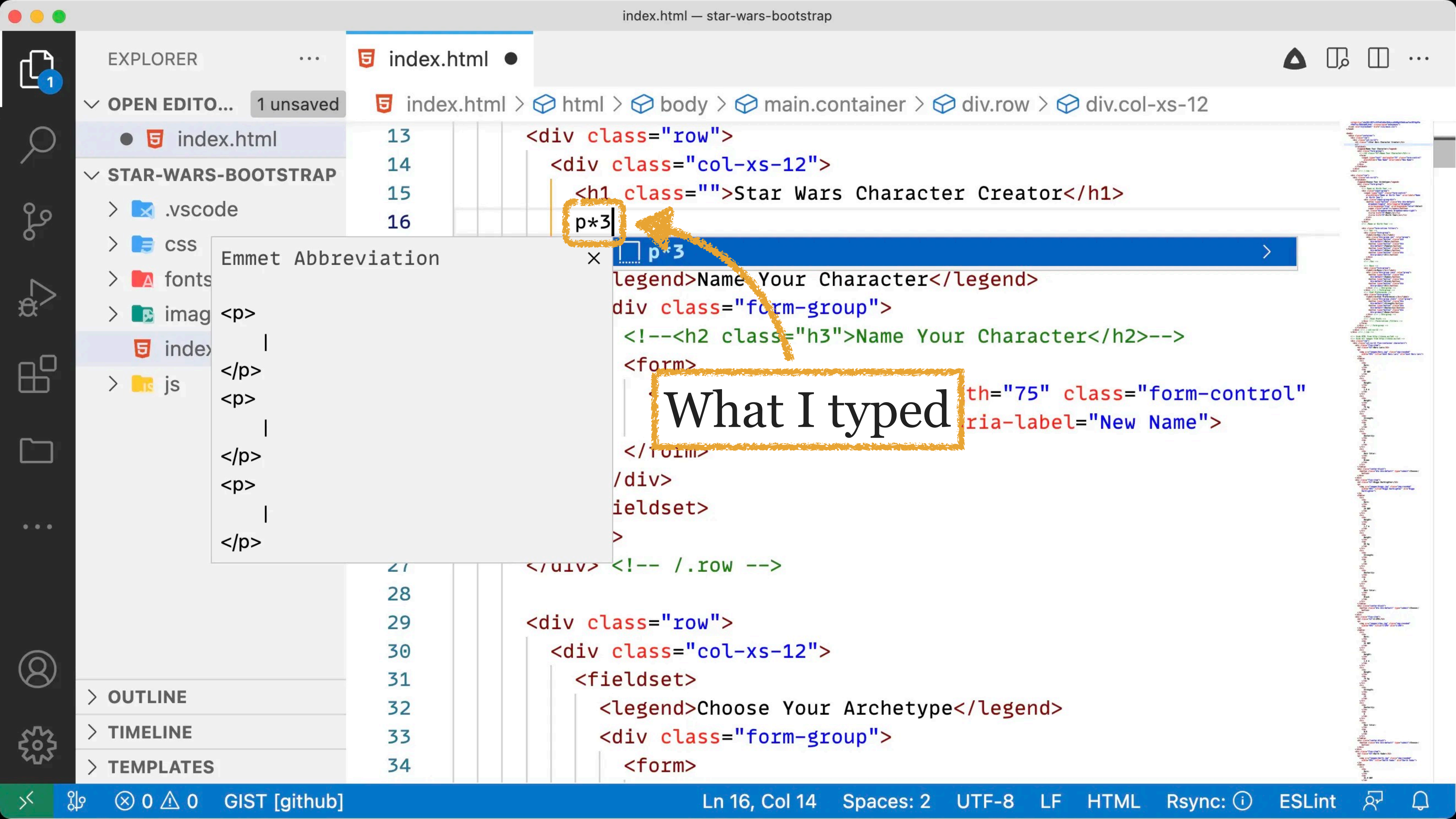
`</p>`

`<p>`

`</p>`

`<p>`

`</p>`



What I typed

```
<div class="row">
  <div class="col-xs-12">
    <h1 class="">Star Wars Character Creator</h1>
```

p*3

Legend>Name Your Character</legend>

```
div class="form-group">
```

```
<!--<h2 class="h3">Name Your Character</h2>-->
```

```
<form>
```

```
th="75" class="form-control"
ria-label="New Name">
```

```
</form>
```

```
/div>
```

```
fieldset>
```

```
>
```

```
</div> <!-- /.row -->
```

```
<div class="row">
```

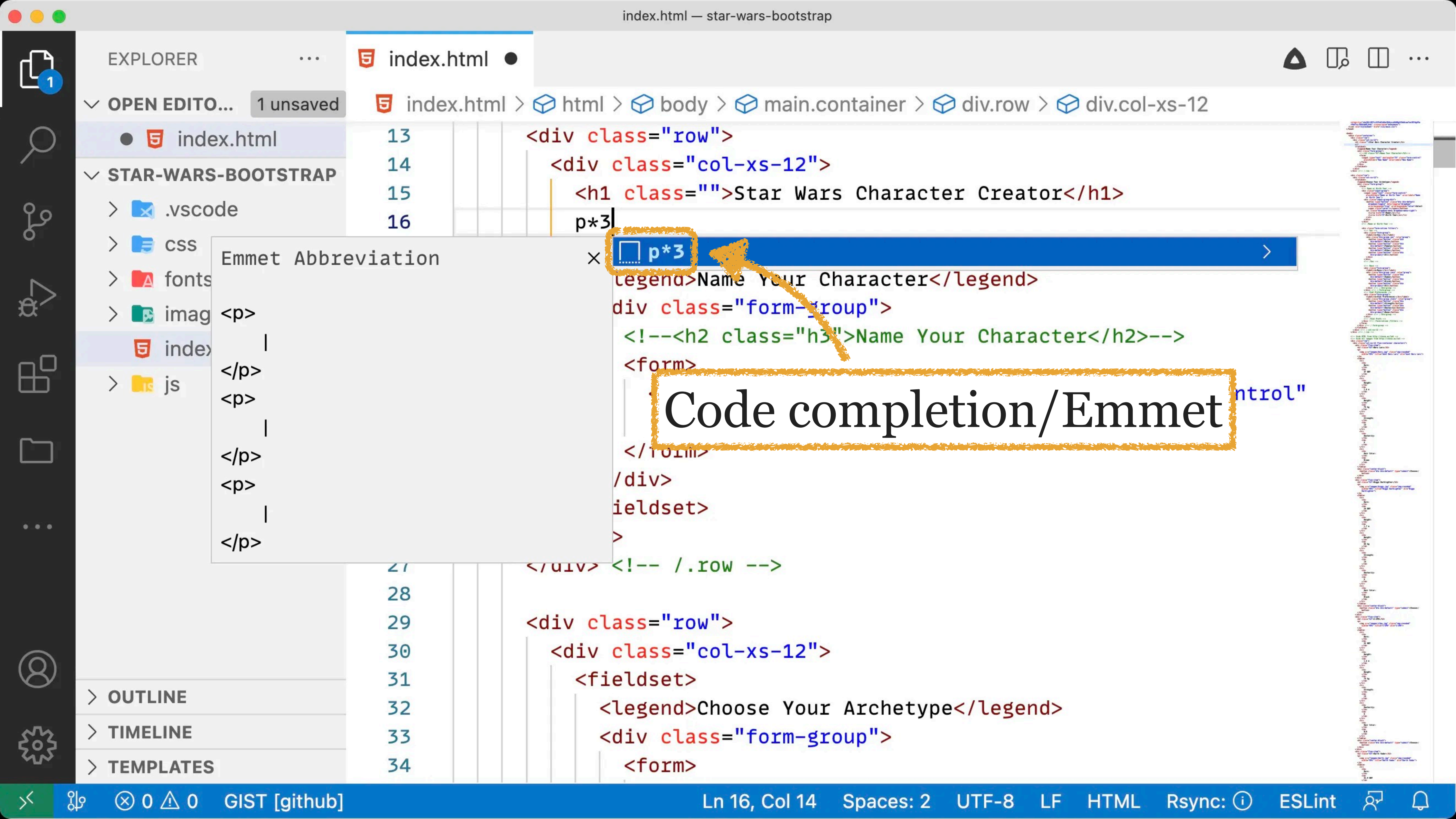
```
<div class="col-xs-12">
```

```
<fieldset>
```

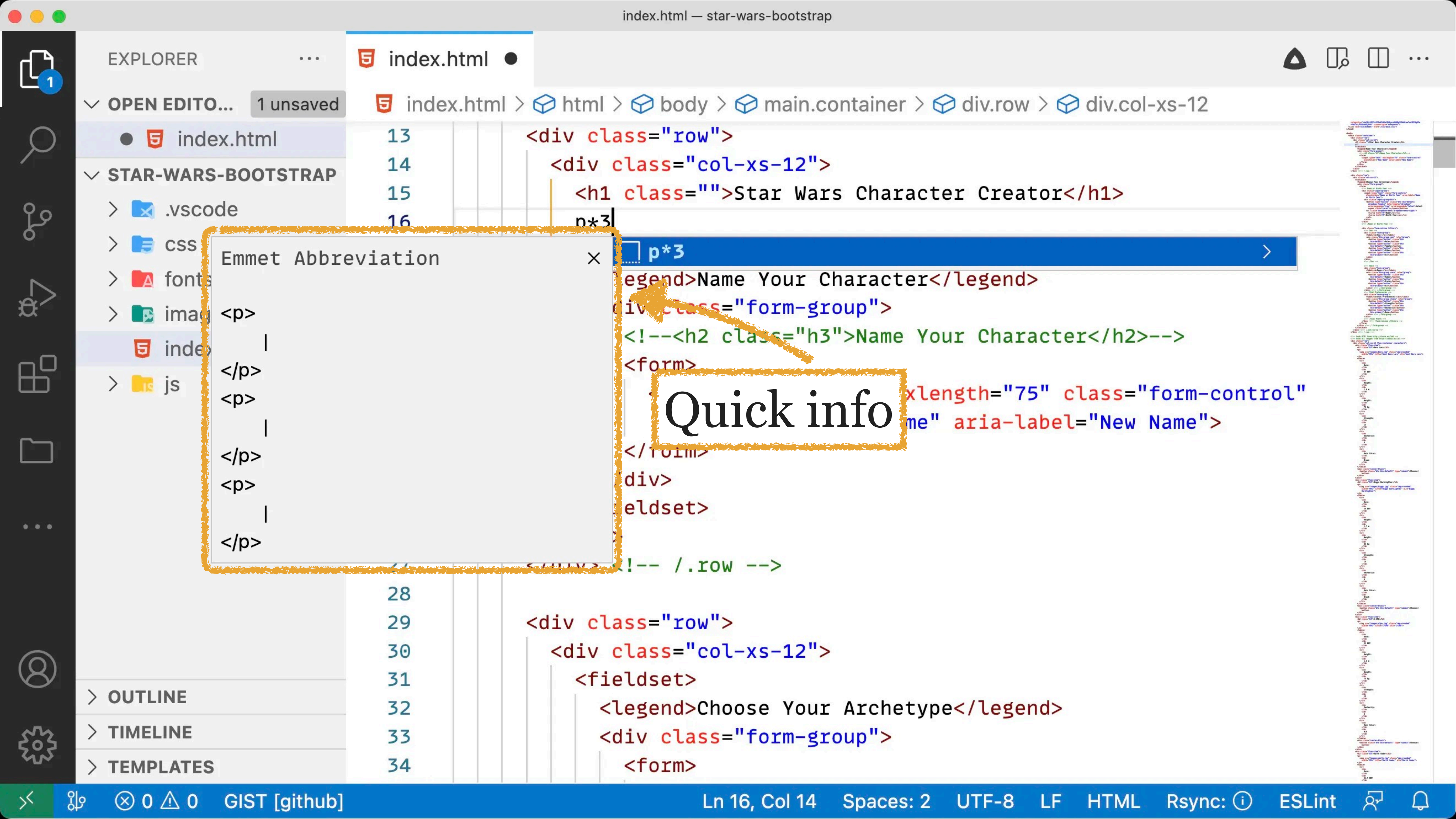
```
<legend>Choose Your Archetype</legend>
```

```
<div class="form-group">
```

```
<form>
```

Code completion/Emmet



EXPLORER

index.html

OPEN EDITOR... 1 unsaved

index.html > html > body > main.container > div.row > div.col-xs-12

index.html

STAR-WARS-BOOTSTRAP

.vscode

css

fonts

images

index.html

js

Emmet Abbreviation

<p>
|
</p>
<p>
|
</p>
<p>
|
</p>

p*3

<legend>Name Your Character</legend>
<div class="form-group">
<!--<h2 class="h3">Name Your Character</h2>-->
<form>
|
|<input type="text" value="" class="form-control" placeholder="New Name">
</form>
</div>
</fieldset>

Quick info

OUTLINE

TIMELINE

TEMPLATES

28
29
30
31
32
33
34

<div class="row">
 <div class="col-xs-12">
 <fieldset>
 <legend>Choose Your Archetype</legend>
 <div class="form-group">
 <form>

You type `ul>li*3` & Emmet outputs:

```
<ul>  
  <li>|</li>  
  <li></li>  
  <li></li>  
</ul>
```


1

EXPLORED

1

1 unsaved

index.html

STAR-WARS-BOOTSTRAP

> .vscode

> CSS

> fonts

> images

index.html

> js

OUTLINE

TIMELINE

TEMPLATES

index.html

index.html > html > body > main.container > div.row > div.col-xs-12

8

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24

25

26

bootstrap/3.3.7/css/bootstrap.min.css"

integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4Va

+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

<link rel="stylesheet" href="/css/main.css">

</head>

<body>

<main class="container">

<div class="row">

<div class="col-xs-12">

<h1 class="">Star Wars Character Creator</h1>

ul>li*3

</form>

</div>

</fieldset>

</div>

Emmet Abbreviation

|

|

|

ul>li*3

nd>Name Your Character</legend>

class="form-group">

-<h2 class="h3">Name Your Character</h2>-->

rm>

input type="text" maxlength="75" class="form-control"

placeholder="New Name" aria-label="New Name">

Ln 16, Col 18

Spaces: 2

UTF-8

LF

HTML

Rsync: ⓘ

ESLint

Profile: undefined

You type `p+ul>li*3` & Emmet outputs:

```
<p>
|
</p>
<ul>
  <li></li>
  <li></li>
  <li></li>
</ul>
```


EXPLORER

OPEN EDITOR... 1 unsaved

index.html

STAR-WARS-BOOTSTRAP

> .vscode

> CSS

> fonts

> images

index.html

> js

index.html

index.html > html > body > main.container > div.row > div.col-xs-12

```
bootstrap/3.3.7/css/bootstrap.min.css"
integrity="sha384-BVYiISiFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4Va
+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
<link rel="stylesheet" href="/css/main.css">
</head>

<body>
  <main class="container">
    <div class="row">
      <div class="col-xs-12">
        <h1 class="">Star Wars Character Creator</h1>
        p+ul>li*3
```

Emmet Abbreviation

<p>

|

</p>

|

|

|

x

p+ul>li*3

>Name Your Character</legend>

ass="form-group">

h2 class="h3">Name Your Character</h2>-->

>

put type="text" maxlength="75" class="form-control"
placeholder="New Name" aria-label="New Name">

m>

t>

You type `div.container>div.row>article>
h2{Article Title}^aside>h2{Aside Title}
+p*2>lorem` & Emmet outputs... well, just take a look

1

EXPLOER

OPEN EDITOR

index.html

STAR-WARS-CHARACTER-CREATOR

.vscode

CSS

fonts

image

index.html

js

OUTLINE

TIMELINE

TEMPLATES

Emmet Abbreviation

<div class="container">

<div class="row">

<article>

<h2>ArticleTitle</h2>

</article>

<aside>

<h2>AsideTitle</h2>

<p>Lorem ipsum dolor sit amet

consectetur adipisicing elit. Enim porro ad nesciunt

obcaecati beatae incidunt quam, soluta quisquam

voluptatum atque possimus, omnis aperiam illo modi

veritatis dolorem quo. Repellendus, perspiciatis.</p>

<p>Voluptates repudiandae labore at, id

praesentium itaque ullam officia mollitia accusamus

numquam consequuntur tempora explicabo reiciendis

index.html — star-wars-bootstrap

main.container > div.row > div.col-xs-12

/bootstrap.min.css"

BVYiisIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4Va

u" crossorigin="anonymous">

t" href="/css/main.css">

er">

xs-12">

tar Wars Character Creator</h1>

div.row>article>h2{ArticleTitle}^aside>h2

+p*2>lorem

div.container>div.row>article>h2{ArticleTitle}^as...

18<legend>Name Your Character</legend>

19<div class="form-group">

20<!--<h2 class="h3">Name Your Character</h2>-->

21<form>

22<input type="text" maxlength="75" class="form-control"

placeholder="New Name" aria-label="New Name">

23</form>

24</div>

25</fieldset>

<< 0 0 GIST [github] Ln 16, Col 88 Spaces: 2 UTF-8 LF HTML Rsync: ESLint Profile: undefined

1

EXT...

Search Extensions ...

:emojisense:

6ms

Adds suggestions an...

✓

Matt Bierner

Auto Close Tag

1ms

Automatically add HT...

Jun Han

AutoComplate shell

AutoComplate shell s...

truman

Better Align

Align code without se...

wwm

Better Comm...

5ms

Improve your code co...

✓

Aaron Bond

Better TOML

Better TOML Langua...

bungcip

Bookmarks

3ms

index.html

index.html > html > body > main.container > div.row > div.col-xs-12 > div.container

15

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25

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27

28

29

30

<h1 class="">Star Wars Character Creator</h1>

<div class="container">

<div class="row">

<article>

<h2>ArticleTitle</h2>

</article>

<aside>

<h2>AsideTitle</h2>

<p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Illum error ipsa ab repellendus sint quod saepe. Ex alias ipsam quas dolores, laborum provident reprehenderit, a mollitia quasi ad distinctio id.</p>

<p>Veritatis, a cum. Dolor ducimus cumque nulla distinctio rem nostrum, quos itaque optio, neque magni impedit quod aliquid voluptates numquam, repellendus totam mollitia accusamus assumenda! Quae vitae facere rem vel.</p>

</aside>

</div>

</div>

<fieldset>

<legend>Name Your Character</legend>

<div class="form-group">

Ln 27, Col 17

Spaces: 2

UTF-8

LF

HTML

Rsync: ⓘ

ESLint


```
div.container
>div.row
>article
>h2{Article Title}
^aside
>h2{Aside Title}
+p*2>lorem
```

```
<div class="container">
  <div class="row">
    <article>
      <h2>Article Title</h2>
    </article>
    <aside>
      <h2>Aside Title</h2>
      <p>
        Lorem ipsum...
      </p>
      <p>
        Consequatur, tempore? ...
      </p>
    </aside>
  </div>
</div>
```


VS Code enables Emmet expansions by default in HTML, Haml, Jade, Slim, JSX, XML, XSL, CSS, SCSS, SASS, LESS & Stylus files — & any language that inherits from any of those, like Handlebars & PHP

Emmet does a *lot* more than expanding abbreviations

Matches opening & closing tags • Select all content inside tags • Wrap selected content inside tags • Control insertion point placement after expansion • Easily jump to the next edit point • Toggle comments • Remove tags • Merge lines — without selections! • Automatically insert image height & width • Evaluate math expressions • Increment & decrement numbers • Copy CSS values to vendor-prefixed properties

To perform almost all of those actions, you use the Command Palette or come up with keyboard shortcuts (more on those later)

Emmet Documentation

← [Back to main website](#)

Abbreviations

Syntax

[Element types](#)

[Implicit tag names](#)

[“Lorem Ipsum” generator](#)

CSS Abbreviations

[Vendor prefixes](#)

[Gradients](#)

[Fuzzy search](#)

Actions

[Expand Abbreviation](#)

[Balance](#)

[Copy Abbreviation](#)

Abbreviations Syntax

Emmet uses syntax similar to CSS selectors for describing elements’ positions inside generated tree and elements’ attributes.

Elements

You can use elements’ names like **div** or **p** to *generate* HTML tags. Emmet doesn’t have a predefined set of available tag names, you can write any word and transform it into a tag: **div** → **<div></div>**, **foo** → **<foo></foo>** and so on.

Nesting operators

Nesting operators are used to position abbreviation elements inside generated tree: whether it should be placed inside or near the context element.

Child: >

You can use > operator to nest elements inside each other:

```
div>ul>li
```

...will produce

```
<div>
  <ul>
    <li></li>
  </ul>
```


For much more on Emmet, see my presentation
Emmet: Automate Your HTML & CSS

Snippets

Remember how VS Code formats the `<p>` tags by default when I type them?



EXPLORER

OPEN EDITORS 1 UNSAVED

● index.html 2

STAR-WARS-BOOTSTRAP

CSS

main.css

> fonts

> images

js

main.js

index.html 2



> OUTLINE

> TEMPLATES

index.html ●



index.html > html > body > main.container > div.row > div.col-xs-12 > p

8

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24

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26

`Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">``<link rel="stylesheet" href="/css/main.css">``</head>``<body>``<main class="container">``<div class="row">``<div class="col-xs-12">``<h1 class="">Star Wars Character Creator</h1>``<p|``<fieldset>``<legend>Name Your Character</legend>``<div class="form-group">``<!--<h2 class="h3">Name Your Character</h2>-->``<form>``<input type="text" maxlength="75"``class="form-control" placeholder="New Name">``</form>``</div>``</fieldset>``</div>`

Now type a > to complete the tag





EXPLORER

OPEN EDITORS 1 UNSAVED

index.html

STAR-WARS-BOOTSTRAP

CSS

main.css

fonts

images

js

main.js

index.html

> OUTLINE

> TEMPLATES

index.html

index.html > html > body > main.container > div.row > div.col-xs-12 > p

```
8      Ydg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
9      <link rel="stylesheet" href="/css/main.css">
10
11     </head>
12
13     <body>
14       <main class="container">
15         <div class="row">
16           <div class="col-xs-12">
17             <h1 class="">Star Wars Character Creator</h1>
18             <p></p>
19             <fieldset>
20               <legend>Name Your Character</legend>
21               <div class="form-group">
22                 <!--<h2 class="h3">Name Your Character</h2>-->
23                 <form>
24                   <input type="text" maxlength="75"
25                     class="form-control" placeholder="New Name">
26                 </form>
27               </div>
28             </fieldset>
29           </div>
30         </div>
31       </main>
32     </body>
33   </html>
```


I don't want `<p> | </p>`

I want

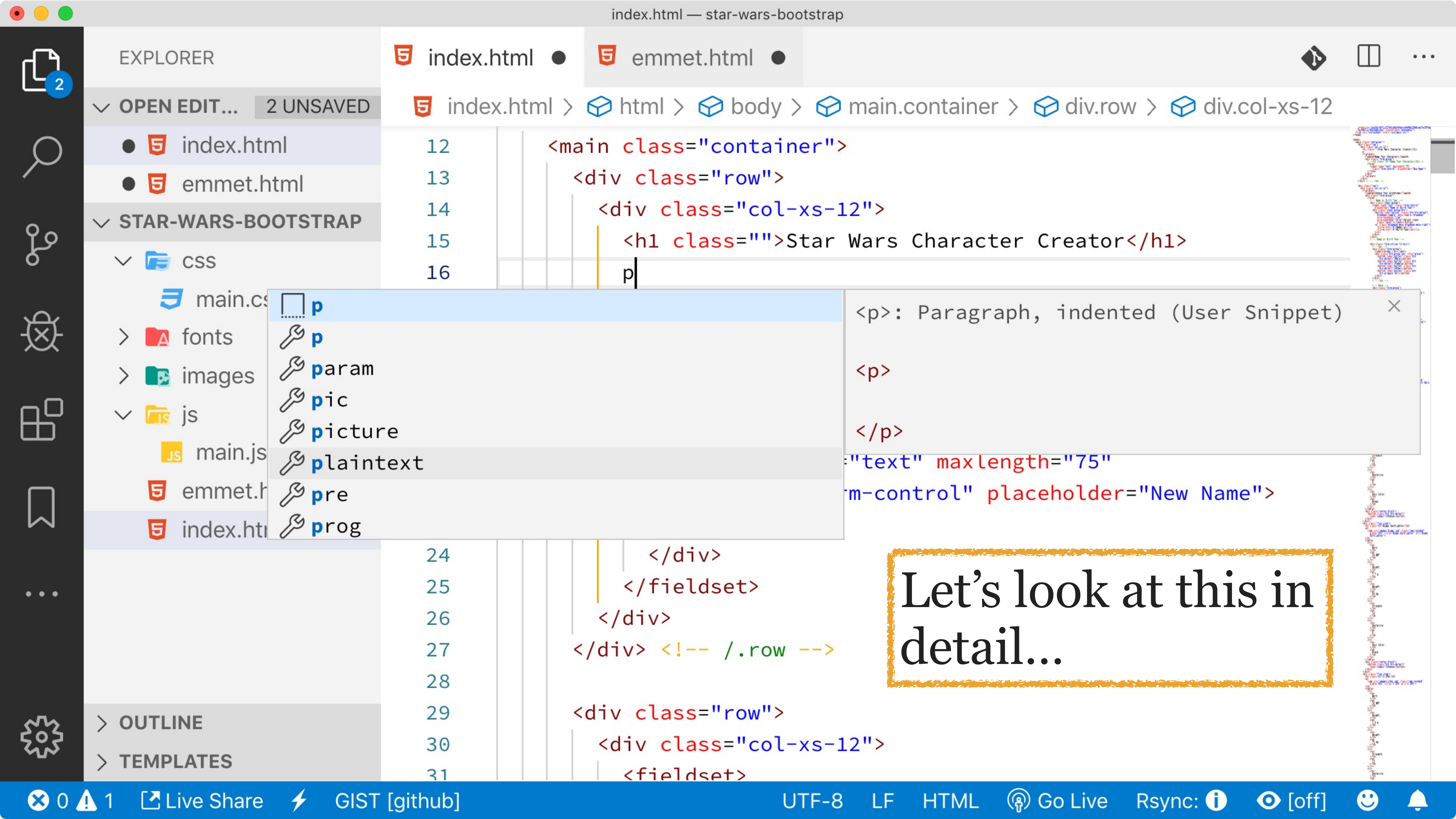
`<p>`
|
`</p>`

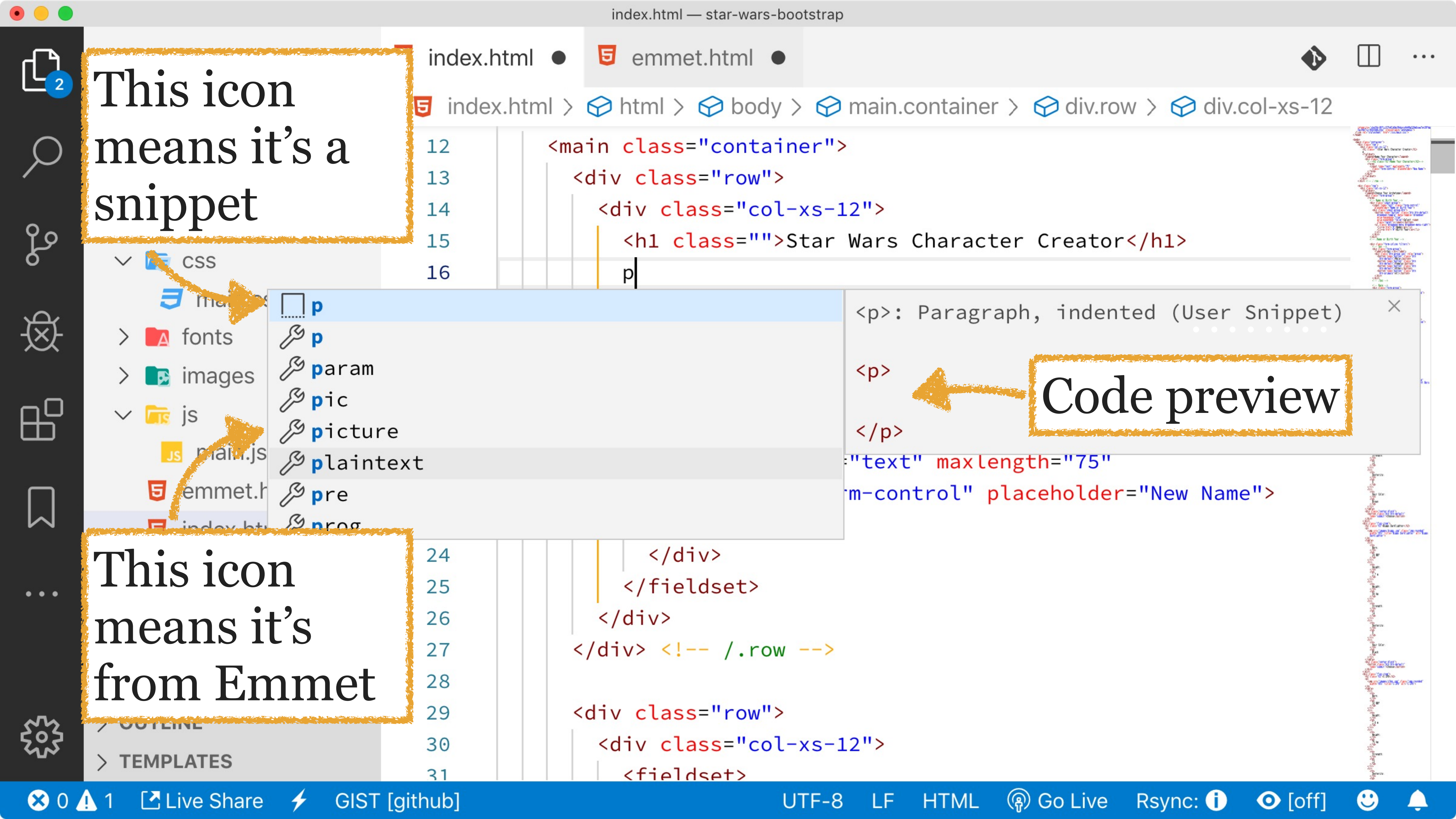
Snippets in VS Code allow me to do that because they let you define small patterns of code that expand when you type a trigger prefix

Simply type the start of a snippet, like **p** (you decide what the prefix will be)

Code completion shows what will happen if you press **Enter**

Quick info tells you what will happen if you press **Enter**





This icon means it's a snippet

This icon means it's from Emmet

Code preview

2

EXPLORER

OPEN EDIT... 2 UNSAVED

index.html

emmet.html

STAR-WARS-BOOTSTRAP

CSS

main.css

fonts

images

js

main.js

emmet.html

index.html

OUTLINE

TEMPLATES

index.html

emmet.html

index.html > html > body > main.container > div.row > div.col-xs-12 > p

12<main class="container">

13<div class="row">

14<div class="col-xs-12">

15<h1 class="">Star Wars Character Creator</h1>

16<p>

17|

18</p>

19<fieldset>

20<legend>Name Your Character</legend>

21<div class="form-group">

22<!--<h2 class="h3">Name Your Character</h2-->

23<form>

24<input type="text" maxlength="75"

25class="form-control" placeholder="New Name">

26</form>

27</div>

28</fieldset>

29</div> <!-- /.row -->

30

31<div class="row">

Perfect!

0 1

Live Share

GIST [github]

UTF-8

LF

HTML

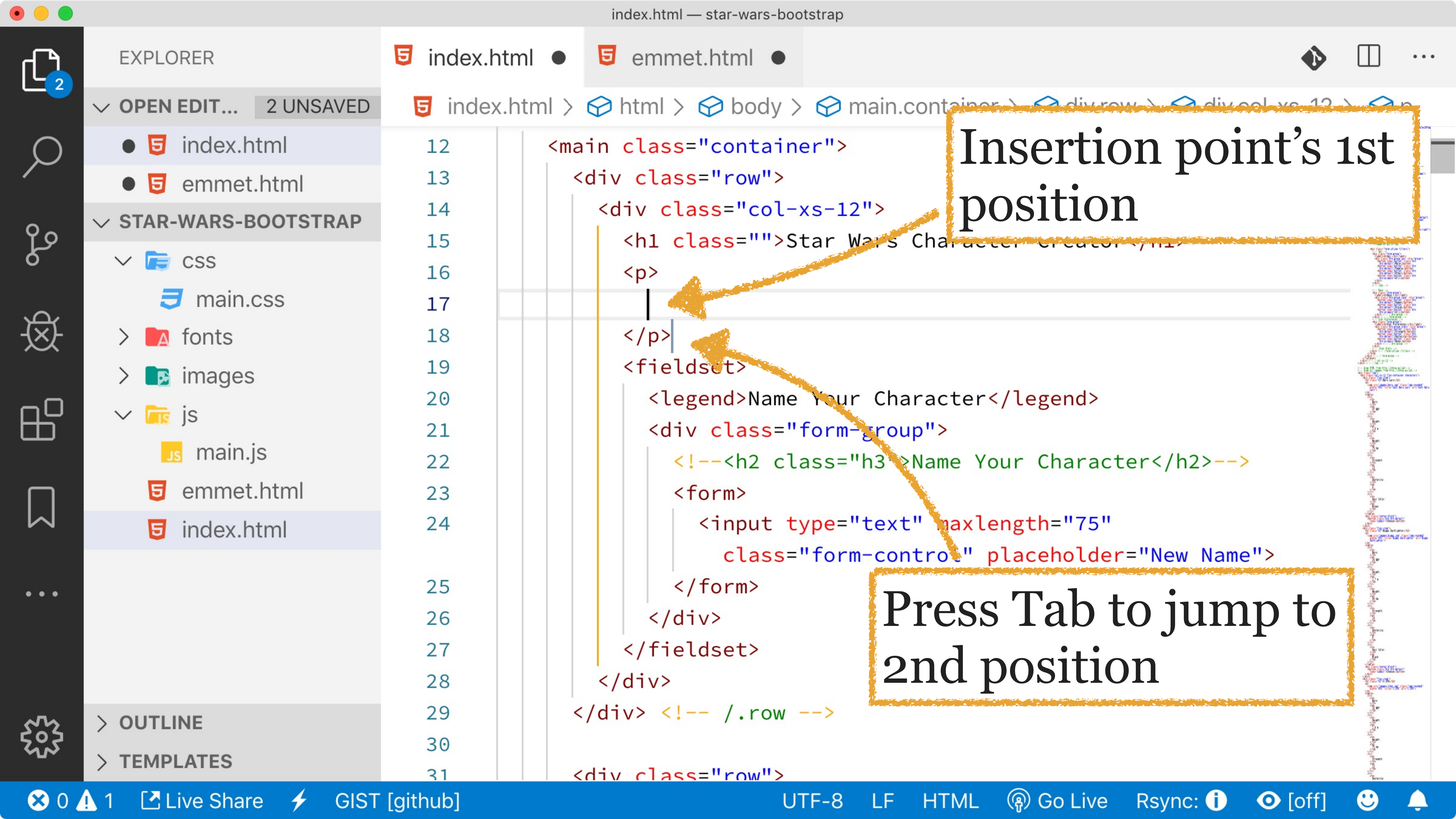
Go Live

Rsync: [i]

[off]

[smiley]

[bell]



2

EXPLORED

OPEN EDIT... 2 UNSAVED

index.html

emmet.html

STAR-WARS-BOOTSTRAP

CSS

main.css

fonts

images

js

main.js

emmet.html

index.html

OUTLINE

TEMPLATES

index.html

emmet.html

index.html > html > body > main.container > div.row > div.col-xs-12

12

13

14

15

16

17

21

22

23

24

25

26

27

28

29

30

31

<main class="container">

<div class="row">

<div class="col-xs-12">

<h1 class="">Star Wars Character Creator</h1>

ol

<div class="form">

<!--<h2 class=

<form>

<input type="text" maxlength="75"

class="form-control" placeholder="New Name">

</form>

</div>

</fieldset>

</div>

</div> <!-- /.row -->

<div class="row">

: Ordered list
indented (User Snippet)

0

1

Live Share

GIST [github]

UTF-8

LF

HTML

Go Live

Rsync: i

[off]

2

EXPLORER

OPEN EDIT... 2 UNSAVED

index.html

emmet.html

STAR-WARS-BOOTSTRAP

CSS

main.css

fonts

images

js

main.js

emmet.html

index.html

OUTLINE

TEMPLATES

index.html

emmet.html

index.html > html > body > main.container > div.row > div.col-xs-12

12<main class="container">

13<div class="row">

14<div class="col-xs-12">

15<h1 class="">Star Wars Character Creator</h1>

16

17

21<div class="form">

22<!--<h2 class="form">

23<form>

24<input type="text" class="form">

25</form>

26</div>

27</fieldset>

28</div>

29</div> <!-- /.row -->

30

31<div class="row">

: Ordered list & 3 list items, indented (User Snippet)

0 1

Live Share

GIST [github]

UTF-8

LF

HTML

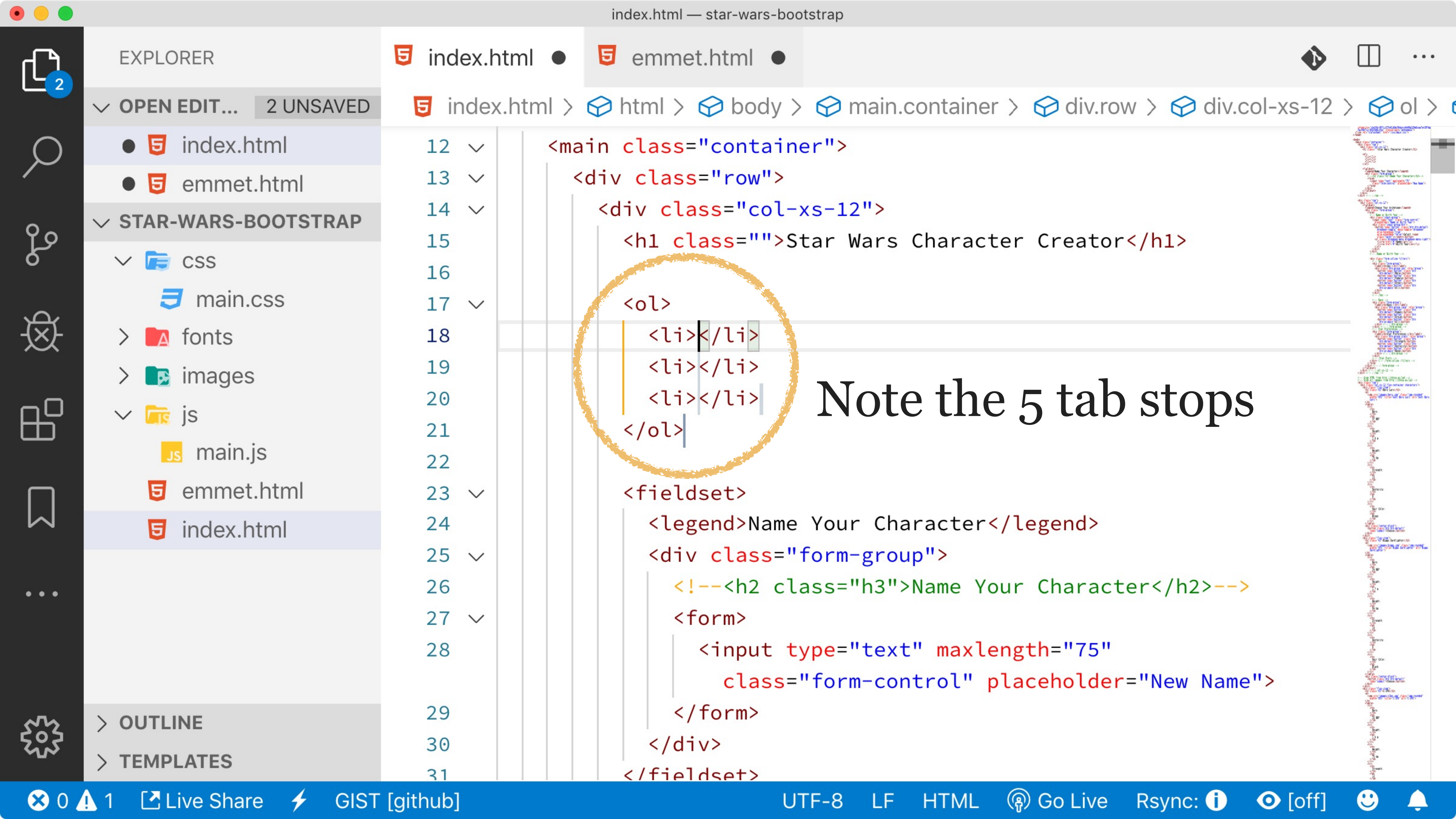
Go Live

Rsync: [i]

[off]

[smiley]

[bell]



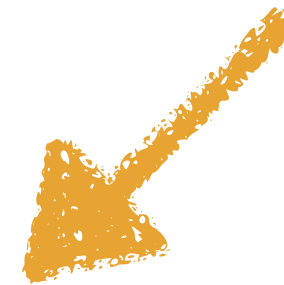
EXTENSIONS: MARKETPLACE



granne

**GrannePack Git**Git-related extensions for Scott Gr...
granneman**GrannePack CSS**CSS-related extensions for Scott G...
granneman**GrannePack HTML**HTML-related extensions for Scott ...
granneman**GrannePack Markdown**Markdown-related extensions for S...
granneman**GrannePack Web Dev Snippets**HTML-, CSS-, & SCSS-related snip...
granneman

Remember when we installed this?
It installed HTML-, CSS-, & SCSS-
related snippets I created



0 0





GrannePack Web Dev Snippets

granneman |  1 install | ★★★★★ (0) | Free

HTML-, CSS-, & SCSS-related snippets for Scott Granneman's Web Dev courses

Install

[Trouble Installing?](#) 

[Overview](#)

[Version History](#)

[Q & A](#)

[Rating & Review](#)

This is the README for GrannePack Web Dev Snippets.

GrannePack Web Dev Snippets

This extension pack of HTML-, CSS-, & SCSS-related *snippets* is aimed at students in [Scott Granneman's](#) beginning Web Development courses. Other languages may be added at later times.

A list of all snippets & their outputs are further below.

Other extension packs focusing on extensions

In addition, I have also created extension packs of *extensions*, also for students in [my](#) beginning Web Development

Categories

Snippets

Tags

css

granneman

grannepack

html

scss

snippet

teaching

Works with

Universal, Web

Resources

[Issues](#)

[Repository](#)

Snippets

In the following tables, `${0}` represents the *final* cursor position. In most cases, this is the *only* place the cursor could be, so it is also where your cursor will be immediately after expanding the snippet. If there is more than one cursor position, however, then `${1}`, `{2}`, & so on represent each tab stop, ending at `${0}`.

HTML

a:

```
<a href="${1}">${0}</a>
```

address:

```
<address>
  ${0}
</address>
```

article:

```
<article>
  ${0}
</article>
```

aside:

 [No Pull Requests](#)

 [Last Commit: 15 hours ago](#)

 [No Open Issues](#)

More Info

Version 0.0.1

Released on 1/20/2023, 12:08:02 AM

Last updated 1/20/2023, 12:12:54 AM

Publisher granneman

Unique Identifier granneman.grannepack-web-dev
snippets

Report [Report Abuse](#)

CSS

,condensed (Condensed font stack):

```
Oswald, 'Avenir Next Condensed', AvenirNextCondensed-Medium, HelveticaNeue, sans-serif-cond
```

,h1com (Large section comment):

```
/*  
${1}  
***/
```

,h2com (Small section comment):

```
/*  
${1}  
***/
```

,hx (Headings selector list):

```
h1, h2, h3, h4, h5, h6
```

,UIFonts (Common UI fonts stack):

SCSS

,condensed (Condensed Font Stack):

```
Oswald, 'Avenir Next Condensed', AvenirNextCondensed-Medium, HelveticaNeue, sans-serif-cond
```

,h1com (Large section comment):

```
//*****  
// ${1}  
//*****
```

,h2com (Small section comment):

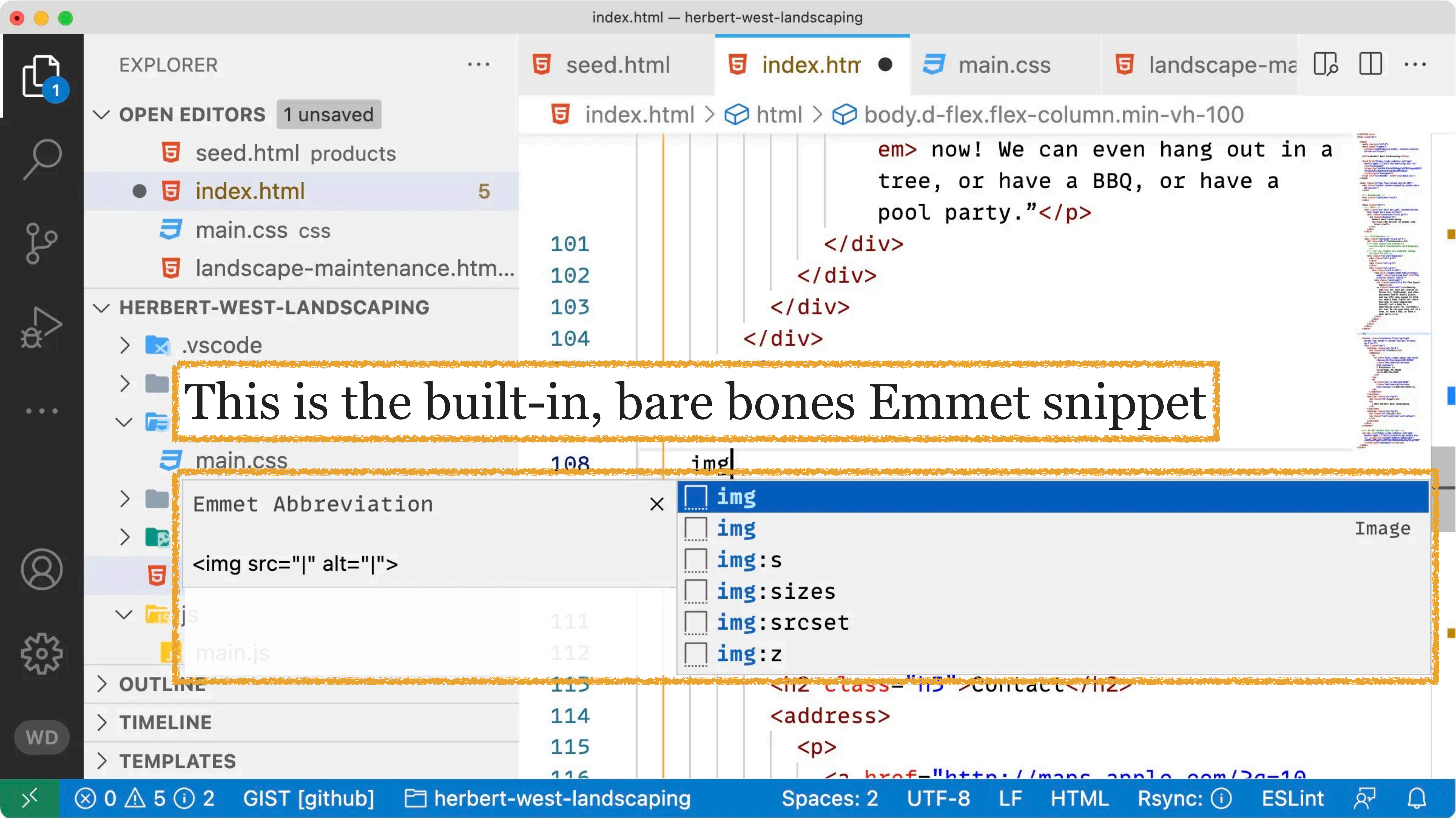
```
//*****  
// ${1}  
//*****
```

,hx (Headings selector list):

```
h1, h2, h3, h4, h5, h6
```

,UIFonts (Common UI Fonts Stack):

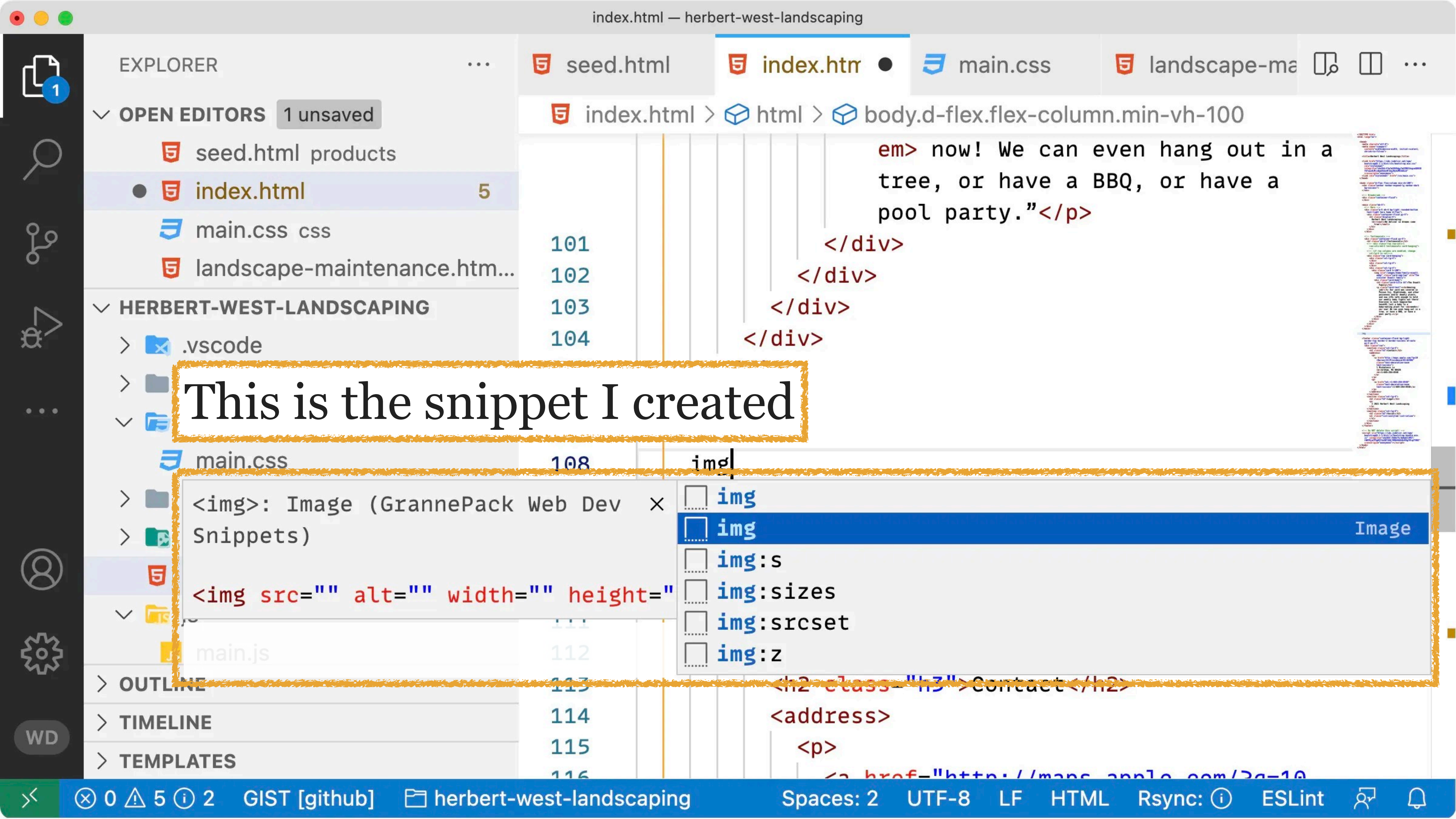
```
system-ui, -apple-system, -webkit-system-ui, Segoe UI, Roboto, Helvetica Neue, Arial, -Note Color, Ubuntu
```

This is the built-in, bare bones Emmet snippet

Emmet Abbreviation

- ☒ img
- ☐ img
- ☐ img:s
- ☐ img:sizes
- ☐ img:srcset
- ☐ img:z



This is the snippet I created

: Image (GrannePack Web Dev Snippets)
<img src="" alt="" width="" height=""

- ☐ img
- ☒ img Image
- ☐ img:s
- ☐ img:sizes
- ☐ img:srcset
- ☐ img:z

Emmet Abbreviation

main.js111112

img

img

img:s

img:sizes

img:srcset

img:z

Image

: Image (GrannePack Web Dev Snippets)

main.js111112

img

img

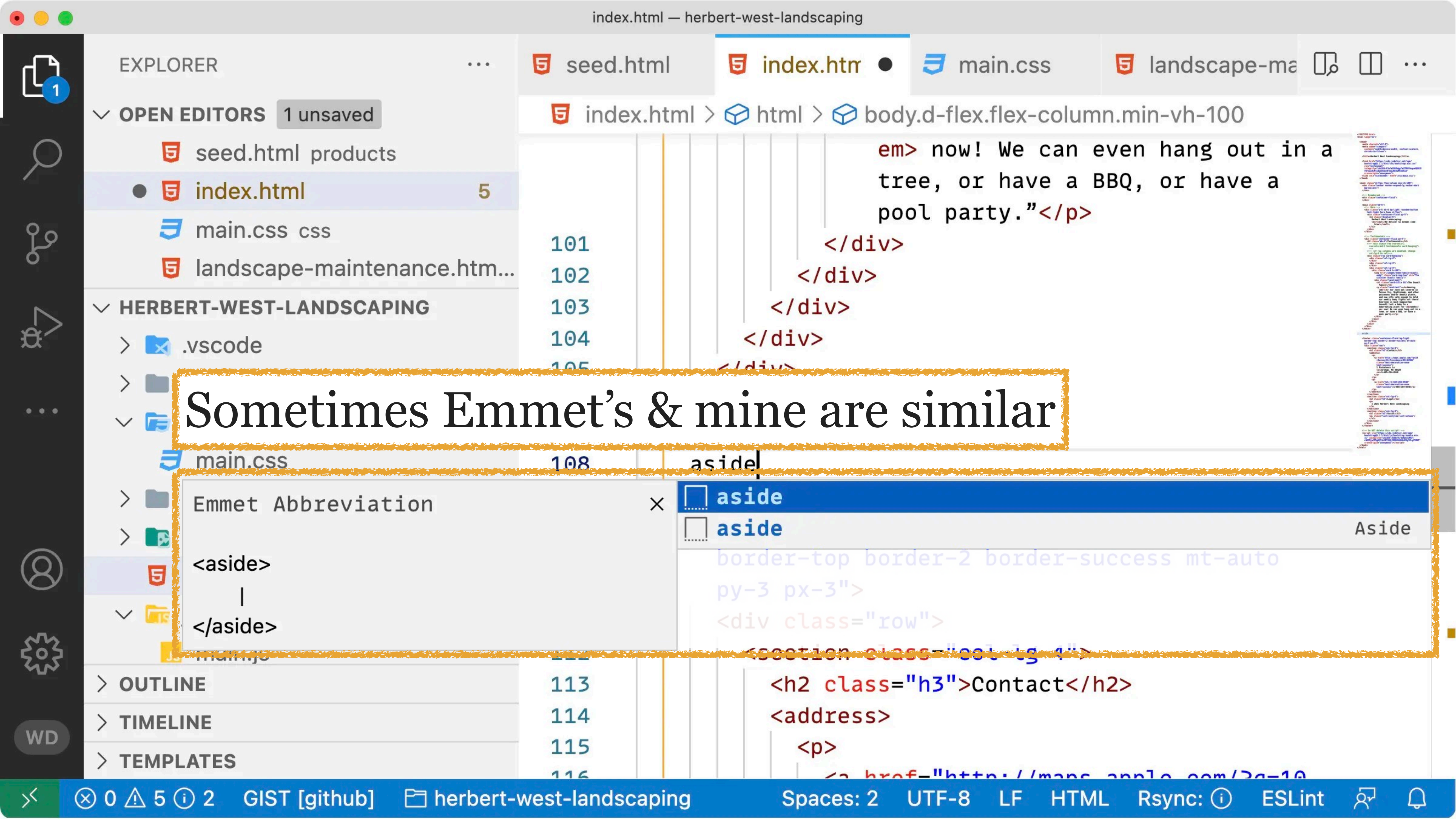
img:s

img:sizes

img:srcset

img:z

Image



Sometimes Emmet's & mine are similar

Emmet Abbreviation

<aside>
|
</aside>

aside

Aside

border-top border-2 border-success mt-auto
py-3 px-3">
<div class="row">
<section class="col lg 4">
<h2 class="h3">Contact</h2>
<address>
<p>
<a href="http://maps.apple.com/?q=10



• • •

 index.html

5 landscape-ma



1 unsaved

●



>

>



>

>

15

100

>

>

>

108

</main>

asidel

1

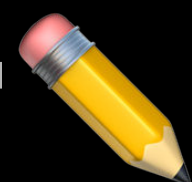
1

Contact

<p>

<http://maps.apple.com/?q=10>[illegible]

Aside



SIDE NOTE

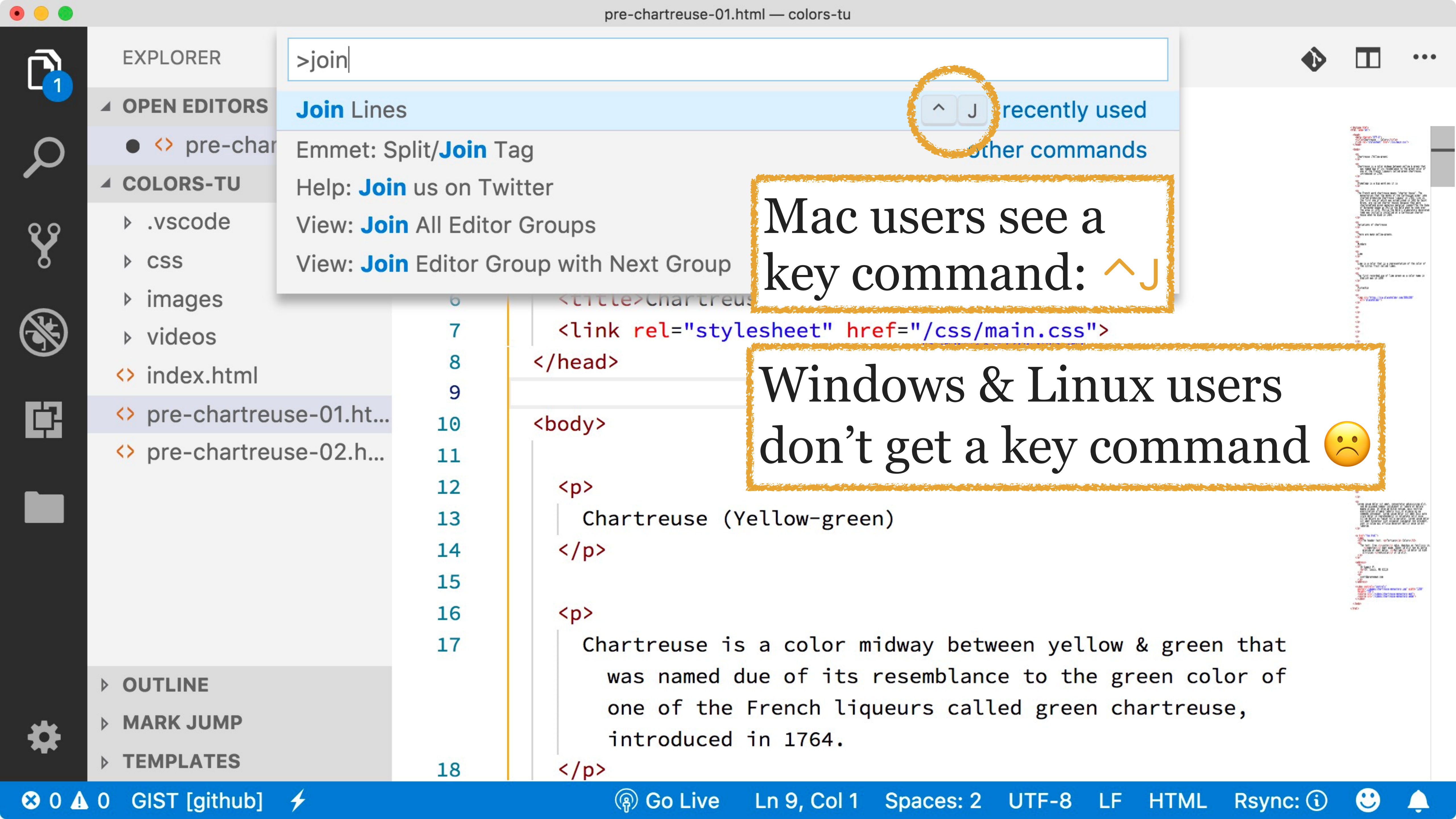
Want to create your own?

See the *Bonus* section at the end

Keyboard Shortcuts

Many (most?) commands have a key command equivalent

For example, invoke the Command Palette & search for
`Join Lines`



EXPLORER

OPEN EDITORS

● <> pre-char

COLORS-TU

▸ .vscode

▸ css

▸ images

▸ videos

<> index.html

<> pre-chartreuse-01.ht...

<> pre-chartreuse-02.h...

▸ OUTLINE

▸ MARK JUMP

▸ TEMPLATES

>join|

Join Lines

Emmet: Split/Join Tag

Help: Join us on Twitter

View: Join All Editor Groups

View: Join Editor Group with Next Group

^ J

recently used

other commands

Mac users see a
key command: ^J

Windows & Linux users
don't get a key command 😞

<title>Chartreuse

<link rel="stylesheet" href="/css/main.css">

</head>

<body>

<p>

Chartreuse (Yellow-green)

</p>

<p>

Chartreuse is a color midway between yellow & green that
was named due of its resemblance to the green color of
one of the French liqueurs called green chartreuse,
introduced in 1764.

</p>

However, VS Code includes the ability to set or change key commands for everything

🍏: Code > Preferences > Keyboard Shortcuts

⌘: File > Preferences > Keyboard Shortcuts

In the search box at the top of Keyboard Shortcuts, enter **join** (you don't need to press ↵/Enter)

Look for *Join Lines*

🍏 users get **⌘J** — let's provide ☒ & 🐧 with **Ctrl+J** too

Keyboard Shortcuts X

join

Command	Keybinding	When	Source
Notebook: Join With Next Cell notebook.cell.joinBelow	Alt + Windows + J	notebookEditorFocused	Default
Notebook: Join With Previous Cell notebook.cell.joinAbove	Shift + Alt + Windows + J	notebookEditorFocused	Default
View: Join Editor in Group workbench.action.joinEditorInGroup	Ctrl + K Ctrl + Shift + `	sideBySideEditorActive	Default
Emmet: Split/ Join Tag editor.emmet.action.splitJoinTag		-	Default
Help: Join Us on Twitter		-	Default
Join Lines editor.action.joinLines		-	Default
Terminal: Join Terminals workbench.action.terminal.join		-	Default
View: Join All Editor Groups workbench.action.joinAllGroups		-	Default
View: Join Editor Group with Next Group workbench.action.joinTwoGroups		-	Default
workbench.action.terminal.joinInstance		-	Default

join



Press desired key combination and then press ENTER.

Keyboard Shortcuts

join

Command	Keybinding	When	Source
Notebook: Join With Next Cell notebook.cell.joinBelow	Alt + Windows + J	notebookEditorFocused	Default
Notebook: Join With Previous Cell notebook.cell.joinAbove	Shift + Alt + Windows + J	notebookEditorFocused	Default
View: Join Editor in Group workbench.action.joinEditorInGroup	Ctrl + K Ctrl + Shift + `	sideBySideEditorActive	Default
Emmet: Split/ Join Tag editor.emmet.action.splitJoinTag		-	Default
Help: Join Us on Twitter		-	Default
+ Join Lines editor.action.joinLines			Default
Terminal: Join Terminals workbench.action.terminal.join			Default
View: Join All Editor Groups workbench.action.joinAllGroups			Default
View: Join Editor Group with Next Group workbench.action.joinTwoGroups			Default
workbench.action.terminal.joinInstance		-	Default


```
"ctrl+j"
```



"ctrl+j"



Press desired key combination and then press ENTER.

--	--


```
"ctrl+j"
```



View: Toggle Panel Visibility

Keybinding

Ctrl + **J**

When

—



Source




Default

Press desired key combination and then press ENTER.



ctrl+alt+j

Ctrl + Alt + J

Keyboard Shortcuts

join

Command	Keybinding	When	Source
Notebook: Join With Next Cell notebook.cell.joinBelow	Alt + Windows + J	notebookEditorFocused	Default
Notebook: Join With Previous Cell notebook.cell.joinAbove	Shift + Alt + Windows + J	notebookEditorFocused	Default
View: Join Editor in Group workbench.action.joinEditorInGroup	Ctrl + K Ctrl + Shift + `	sideBySideEditorActive	Default
Emmet: Split/ Join Tag editor.emmet.action.splitJoinTag		-	Default
Help: Join Us on Twitter		-	Default
Join Lines editor.action.joinLines		-	Default
Terminal: Join Terminals workbench.action.terminal.join		-	Default
View: Join All Editor Groups workbench.action.joinAllGroups		-	Default
View: Join Editor Group with Next Group workbench.action.joinTwoGroups		-	Default
workbench.action.terminal.joinInstance		-	Default



join



Press desired key combination and then press ENTER.

join



Press desired key combination and then press ENTER.

ctrl+j

Ctrl + J

Change the following (you will thank me later!):

```
editor.emmet.action.wrapWithAbbreviation  
⌘E ⌘R/Ctrl+E Ctrl+R
```

Why the ⌘E/Ctrl+E first? Because that way I know it's going to be a keyboard shortcut for *Emmet*

⌘E/Ctrl+E for *Emmet*, then ⌘R/Ctrl+R for *Wrap*

DEMO!

Now let's combine our new key command with an Emmet abbreviation that will blow your mind

One more that a student accidentally discovered...

Say you have this:

On the seve...

The record...

The birth...

Select all 3 paragraphs

Press ⌘E ⌘R / Ctrl+E Ctrl+R
to open Emmet Wrap

Enter in `p*`

The results:

```
<p>On the seve...</p>
```

```
<p>The record...</p>
```

```
<p>The birth...</p>
```


Say you have this:

On the seve...

The record...

The birth...

Select all 3 paragraphs

Press ⌘E ⌘R / Ctrl+E Ctrl+R
to open Emmet Wrap

Enter in `p*`

The results:

```
<p>On the seve...</p>
```

```
<p>The record...</p>
```

```
<p>The birth...</p>
```



Say you have this:

On the seve...

The record...

The birth...

Select all 3 paragraphs

Press ⌘E ⌘R / Ctrl+E Ctrl+R
to open Emmet Wrap

Enter in `ul>li*`

The results:

```
<ul>  
  <li>On the seve...</li>  
  <li>The record...</li>  
  <li>The birth...</li>  
</ul>
```


Say you have this:

On the seve...

The record...

The birth...

Select all 3 paragraphs

Press ⌘E ⌘R / Ctrl+E Ctrl+R
to open Emmet Wrap

Enter in `ul>li*`

The results:

```
<ul>  
  <li>On the seve...</li>  
  <li>The record...</li>  
  <li>The birth...</li>  
</ul>
```



Emmet: Balance (outward)

⌘E ⌘↑ / Ctrl+E Ctrl+↑

⌘E / Ctrl+E for *Emmet*, then ⌘↑ / Ctrl+↑ for *outward*

Emmet: Balance (inward)

⌘E ⌘↓ / Ctrl+E Ctrl+↓

⌘E / Ctrl+E for *Emmet*, then ⌘↓ / Ctrl+↓ for *inward*

Emmet: Update Image Size

⌘E ⌘I / Ctrl+E Ctrl+I

⌘E / Ctrl+E for *Emmet*, then ⌘I / Ctrl+I for *Image Size*

Extensions & Themes

Visual Studio

Visual Studio Code

Azure DevOps

Subscriptions

[Build your own](#)[Publish extensions](#)

grannepack



4 Results

Showing: All categories ▾

Sort By: Relevance ▾

**GrannePack CSS**granneman  2.1KCSS-related extensions
for Scott Granneman's
Web Dev courses**FREE****GrannePack Git**granneman  485Git-related extensions for
Scott Granneman's Web
Dev courses**FREE****GrannePack HTML**granneman  3.6KHTML-related extensions
for Scott Granneman's
Web Dev courses**FREE****GrannePack Markdow**granneman  95Markdown-related
extensions for Scott
Granneman's Web Dev...**FREE**



GrannePack HTML

granneman | 3,589 installs | ★★★★★ (0) | Free

HTML-related extensions for Scott Granneman's Web Dev courses

[Install](#)[Trouble Installing?](#)

marketplace.visualstudio.com

[Overview](#)[Version History](#)[Q & A](#)[Rating & Review](#)

GrannePack HTML

This extension pack of HTML-related extensions is aimed at students in [Scott Granneman's](#) beginning Web Development courses. Other extension packs focus on [CSS](#), [Git](#), & [Markdown](#).

Extensions

- [Auto Close Tag](#): automatically add HTML close tags
- [Color Picker](#): generate colors using a GUI
- [File Templates Manager](#): manage individual page templates
- [File Utils](#): duplicate, move, rename, & delete files & folders
- [indent-rainbow](#): colorize indentation levels

Categories

[Extension Packs](#)

Tags

[grannepack](#)[html](#)

Works with

[Universal](#), [Web](#)

Resources

[Issues](#)[Repository](#)[Homepage](#)

Auto Close Tag

Code Spell Checker

Color Picker

File Templates Manager

File Utils

HTMLHint

Image Preview

indent-rainbow

Live Server

Placeholder Images

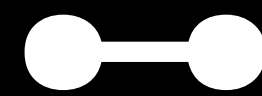
Project Templates

Projects+

Extensions installed by GrannePack HTML

Basics

File Templates Manager



Ivan Zakharchanka

Templates make it easy & quick to create new HTML (& other) files

Go to the *Extensions View* & install File Templates
Manager by Ivan Zakharchanka

These are the 2 templates we're going to work with

HTML5 template: <https://chnsa.ws/1b1>

Bootstrap 5 CDN template: <https://chnsa.ws/1yn>

Let's fix the HTML5 template first

File Templates Manager includes a template for HTML5, but I don't like it, so we're going to replace it with a better one I made

In other words, from this:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title></title>
</head>
<body>
</body>
</html>
```

To this:

```
<!doctype html>
<html lang="en">

  <head>
    <meta charset="UTF-8">
    <title>Untitled Document</title>
    <link rel="stylesheet" href=
      "/css/main.css">
  </head>

  <body>


  </body>

</html>
```

Load this in your Web browser: chnsa.ws/1b1 (that's a one, followed by a **b**, followed by a one)

rsgranne / [html5.html](#)

Last active 4 years ago

 Edit Delete Unsubscribe Star 0

<> Code

 Revisions 2

Embed ▾

<script src="http



Download ZIP

HTML5 template for Web dev courses

 [html5.html](#)

Raw

Copy


```
1  <!doctype html>
2  <html lang="en">
3
4  . . <head>
5  . . . . <meta charset="UTF-8">
6  . . . . <title>Untitled Document</title>
7  . . . . <link rel="stylesheet" href="/css/main.css">
8  . . </head>
9
10 . . <body>
11
12 . . . .
13
```

rsgranne / [html5.html](#)

Last active 4 years ago

 Edit Delete Unsubscribe Star 0

<> Code

 Revisions 2

Embed ▾

<script src="http



Download ZIP

HTML5 template for Web dev courses

 [html5.html](#)

Raw

Copy

```
1 <!doctype html>
2 <html lang="en">
3
4 .. <head>
5 .... <meta charset="UTF-8">
6 .... <title>Untitled Document</title>
7 .... <link rel="stylesheet" href="/css/main.css">
8 .. </head>
9
10 .. <body>
11
12 ....
13
```


Click on the *Raw* button


```
<!doctype html>  
<html lang="en">
```

```
  <head>  
    <meta charset="UTF-8">  
    <title>Untitled Document</title>  
    <link rel="stylesheet" href="/css/main.css">  
</head>
```

```
<body>
```

```
</body>
```

```
</html>
```

Press ⌘A / Ctrl+A to *select all* the text

```
<!doctype html>
<html lang="en">

  <head>
    <meta charset="UTF-8">
    <title>Untitled Document</title>
    <link rel="stylesheet" href="/css/main.css">
  </head>

  <body>

  </body>

</html>
```

Press ⌘C / Ctrl+C to *copy* the selected text

Press ⌘W / Ctrl+W to *close* the browser tab

Now open up Visual Studio Code



EXPLORER



✓ OPEN EDITORS



✓ NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

You can clone a repository locally.

Clone Repository

To learn more about how to use git and source control in VS Code [read our docs](#).

> OUTLINE

> TIMELINE

> TEMPLATES





EXPLORER



✓ OPEN EDITORS



✓ NO FOLDER OPENED

You have not yet opened a folder.

[Open Folder](#)

You can clone a repository locally.

[Clone Repository](#)

To learn more about how to use git and source control in VS Code [read our docs](#).

Click on the Templates View title bar



> OUTLINE

> TIMELINE

> TEMPLATES

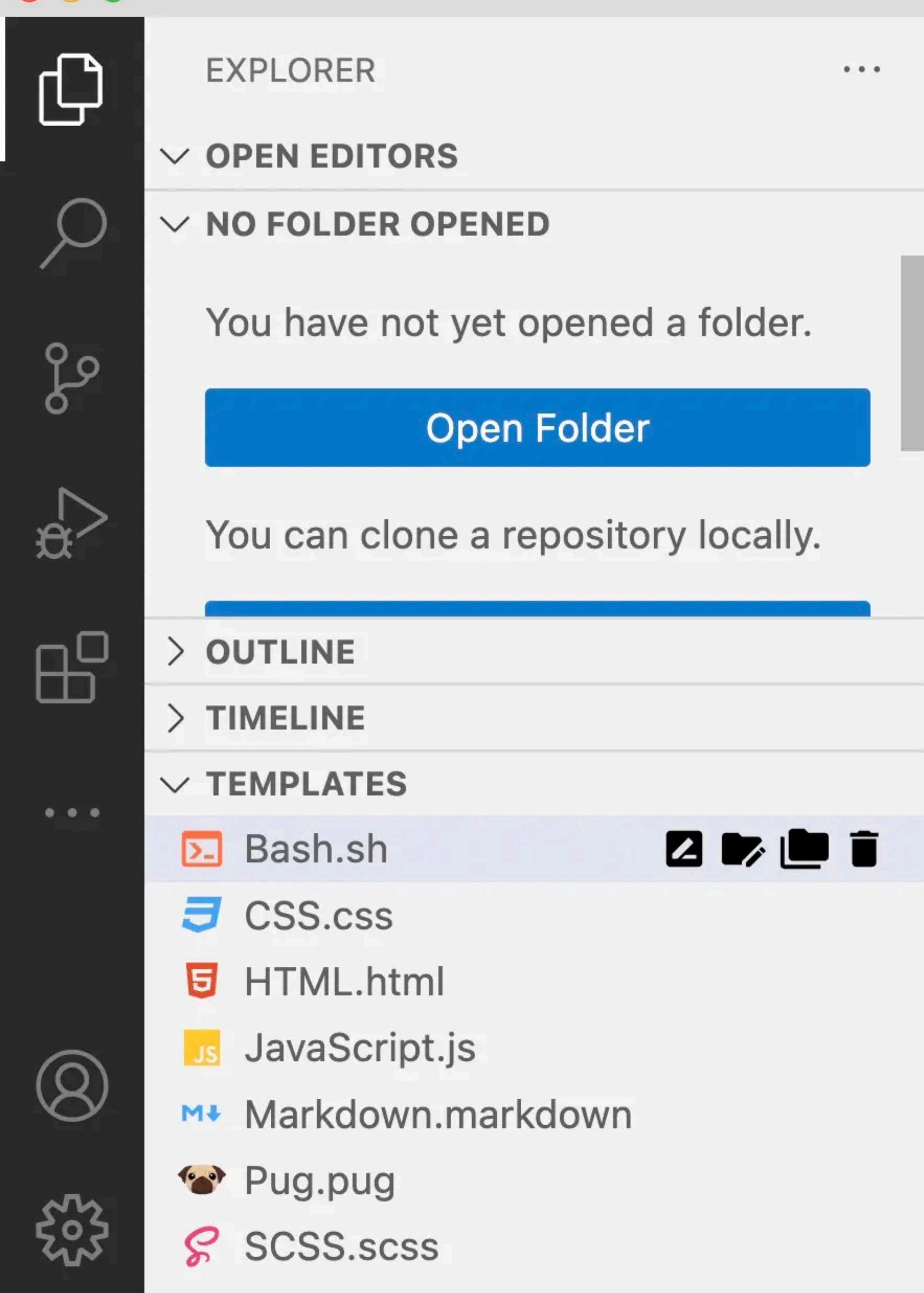


0 0

GIST [github]

Rsync: ⓘ





EXPLORER

✓ OPEN EDITORS

✓ NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

You can clone a repository locally.

> OUTLINE

> TIMELINE

✓ TEMPLATES

- Bash.sh
- CSS.css
- HTML.html
- JavaScript.js
- Markdown.markdown
- Pug.pug
- SCSS.scss

These are default templates that are included with File Templates Manager (I deleted some that I never use)

EXPLORER

✓ OPEN EDITORS

✓ NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

You can clone a repository locally.

> OUTLINE

> TIMELINE

✓ TEMPLATES

 Bash.sh CSS.css HTML.html JavaScript.js Markdown.markdown Pug.pug SCSS.scss

Hover over `HTML.html` & you'll see buttons



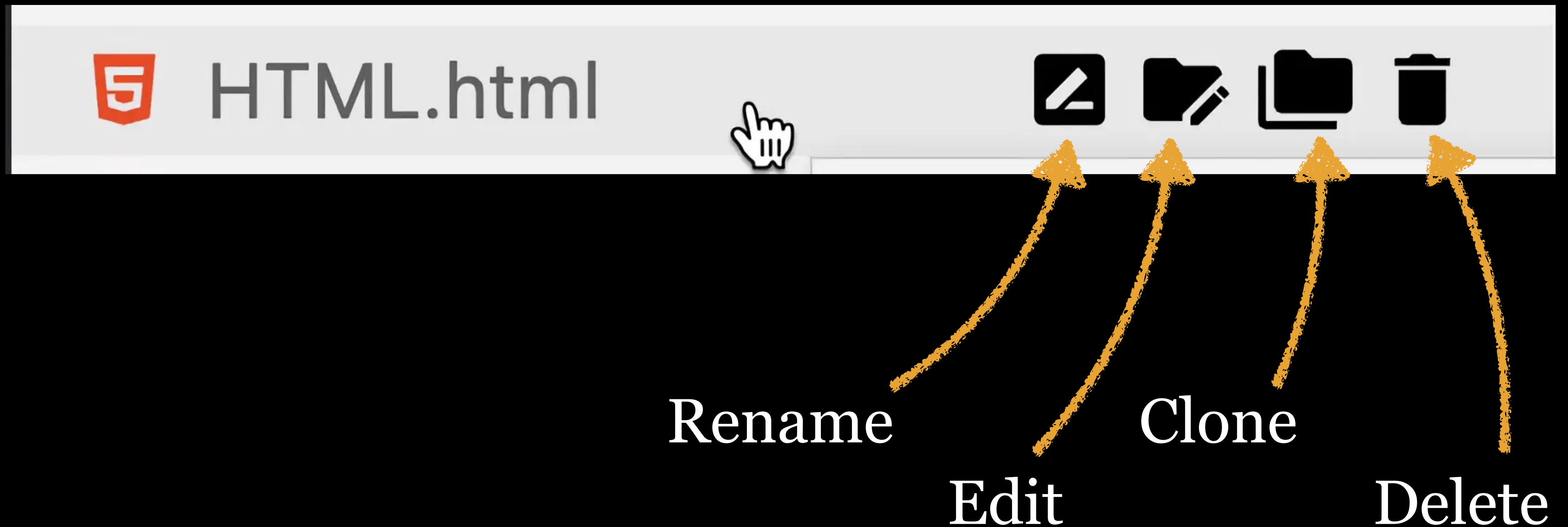
GIST [github]

Watch Sass

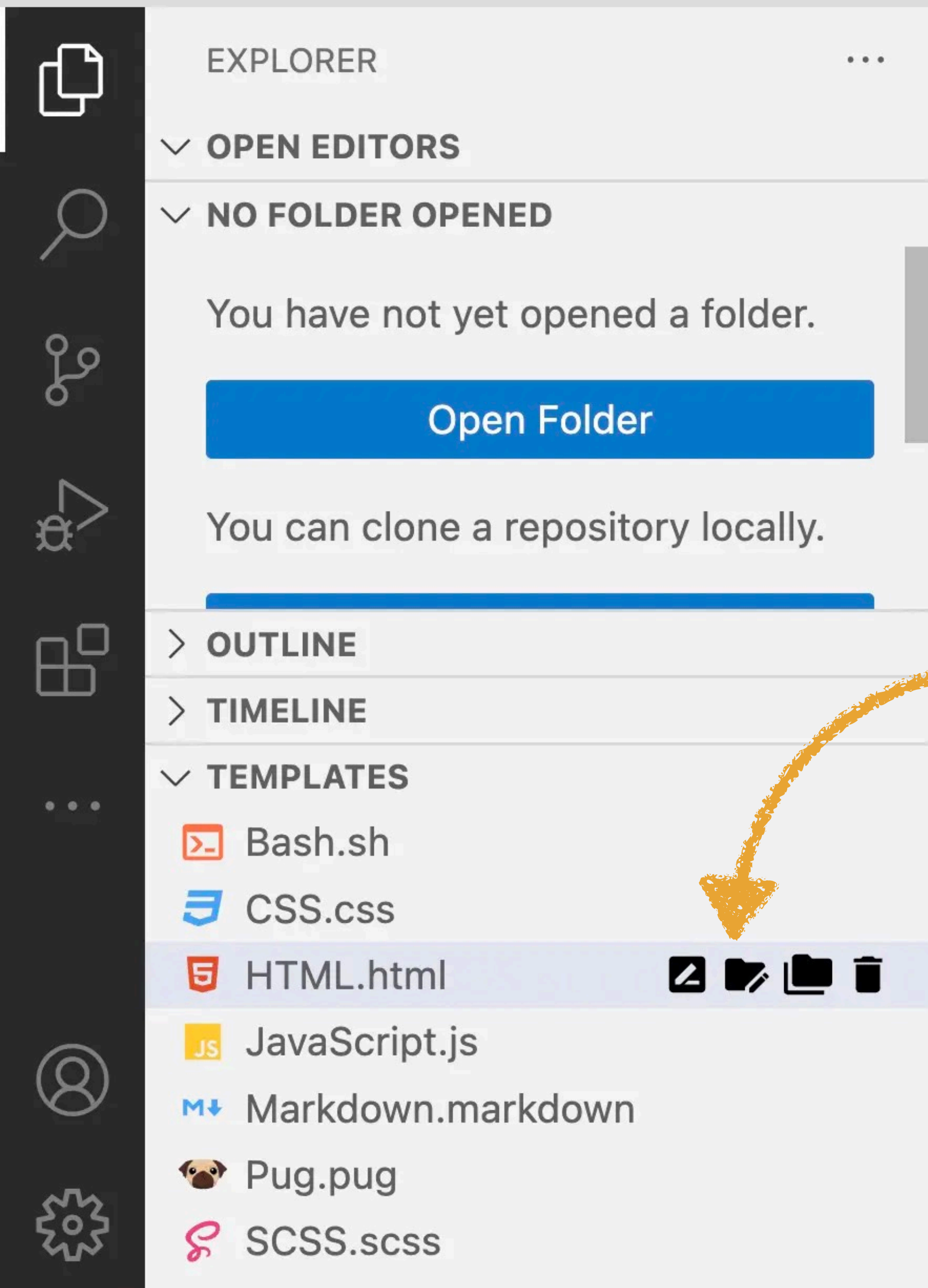
Rsync: ⓘ

ESLint





To work with individual templates, hover over the template's row



EXPLORER

✓ OPEN EDITORS

✓ NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

You can clone a repository locally.

> OUTLINE

> TIMELINE

✓ TEMPLATES

- Bash.sh
- CSS.css
- HTML.html
- JavaScript.js
- Markdown.markdown
- Pug.pug
- SCSS.scss

The Explorer sidebar in Visual Studio Code shows a list of template files. The 'HTML.html' file is highlighted, and a yellow arrow points to the 'Edit' icon (a pencil) in the row's action menu.

Click on the *Edit* button on the
HTML.html row



EXPLORER

OPEN EDITORS

HTML.html ~/Library/Applic... 1

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Opening a folder will close all currently open editors. To keep

OUTLINE

TIMELINE

TEMPLATES

Bash.sh

CSS.css

HTML.html

JavaScript.js

Markdown.markdown

Pug.pug

HTML.html 1

User > globalStorage > 3axap4ehko.file-templates-manager > HTML.html > ...

```
1  <!doctype html>
2  <html>
3
4    <head>
5      <meta charset="UTF-8">
6      <title>Untitled Document</title>
7    </head>
```

This is the HTML in the default template

It ain't great, so we'll replace it with the code that you copied a few minutes ago



0 1

GIST [github]

Watch Sass

Ln 13, Col 1

Spaces: 2

UTF-8

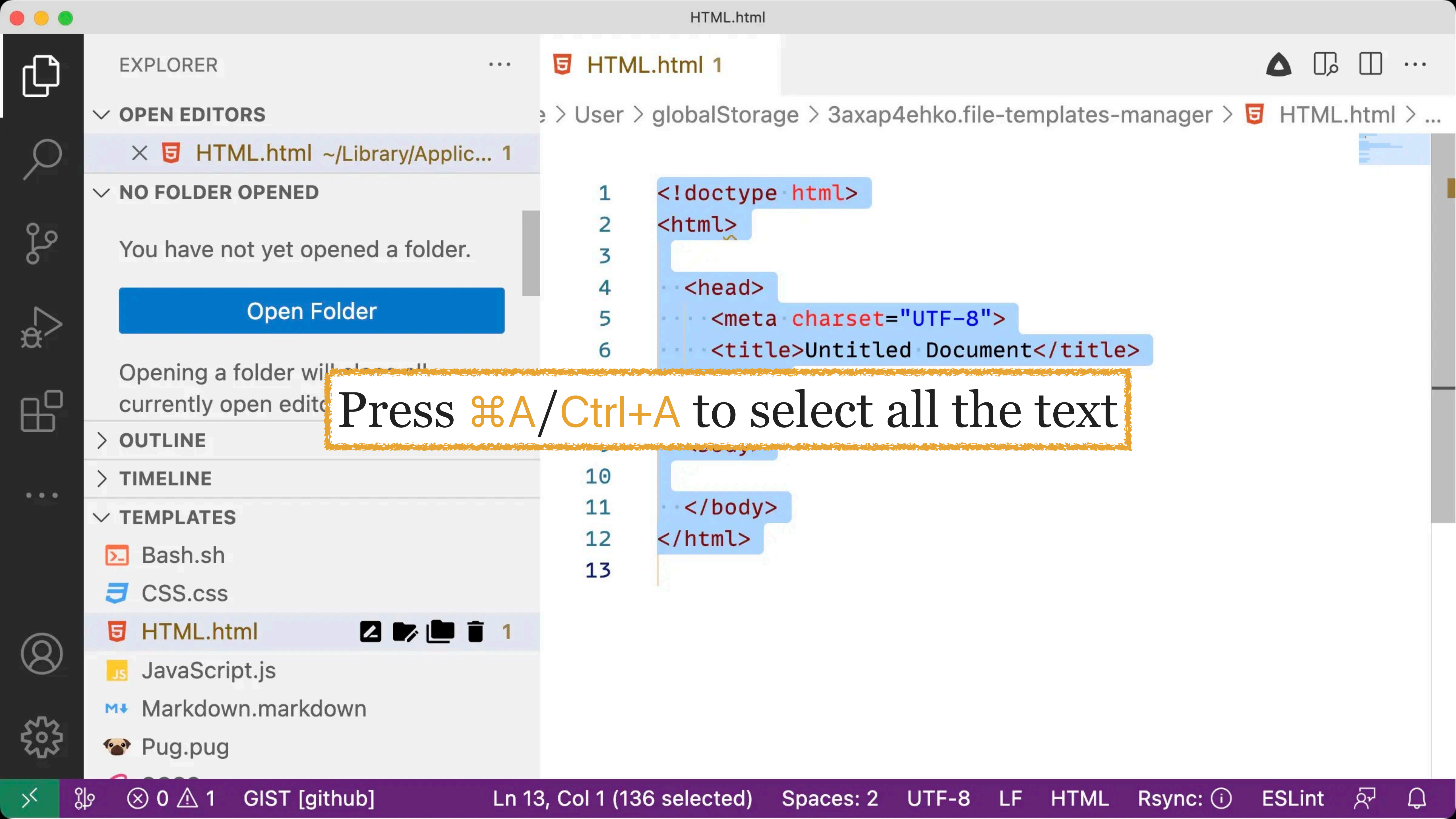
LF

HTML

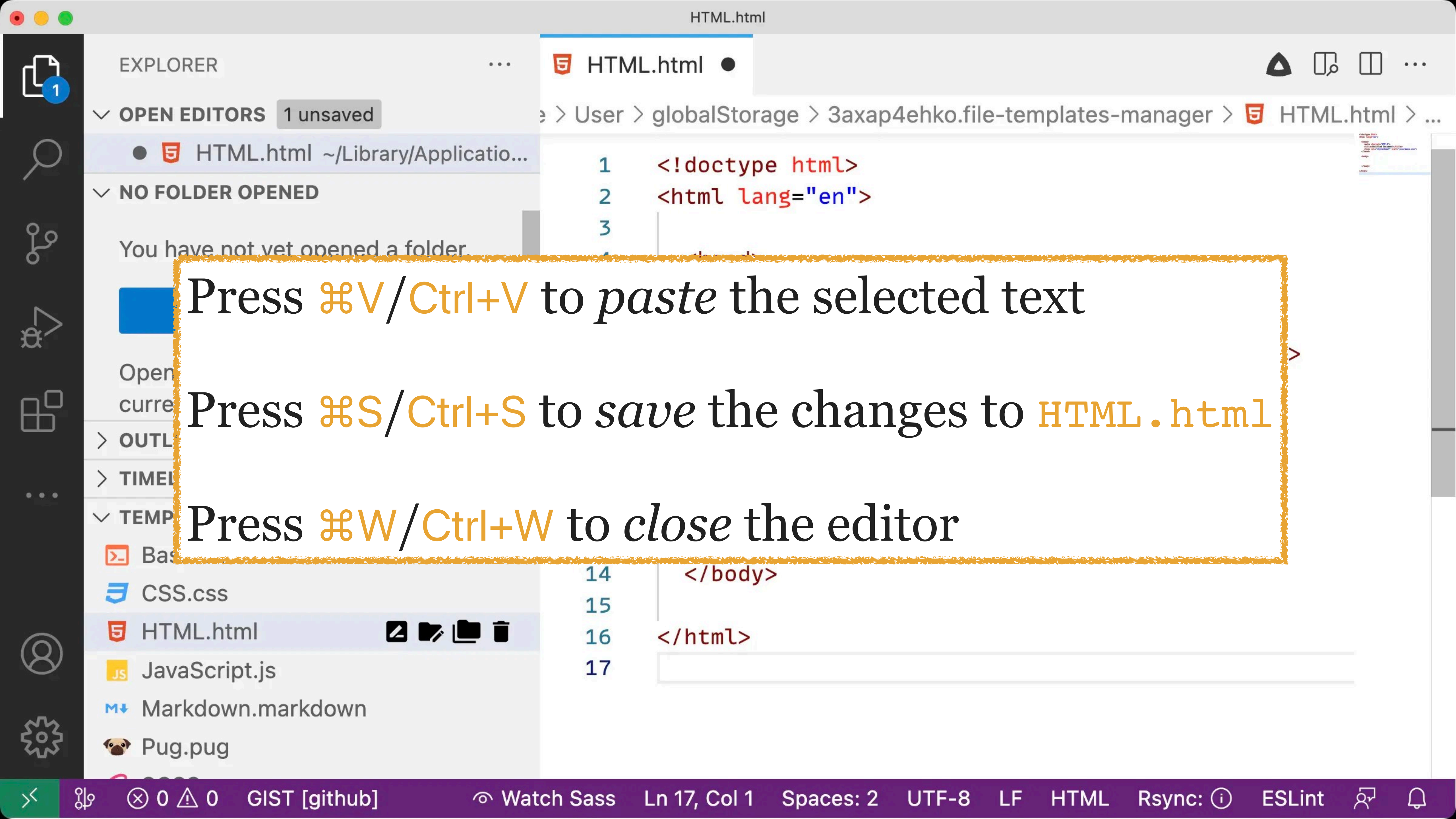
Rsync: ⓘ

ESLint





Press ⌘A / Ctrl+A to select all the text



Press ⌘V / Ctrl+V to *paste* the selected text

Press ⌘S / Ctrl+S to *save* the changes to HTML.html

Press ⌘W / Ctrl+W to *close* the editor

Now let's create the Bootstrap 5 CDN template

Load this in your Web browser: chnsa.ws/1yn (that's a one, followed by a [y](#), followed by a [n](#))




rsgranne / bootstrap-5-cdn.html

Last active 8 months ago

 Edit Delete Unsubscribe Star 0

<> Code

 Revisions 2

Embed ▾

<script src="http



Download ZIP

Bootstrap 5 CDN template for Web dev courses

 bootstrap-5-cdn.html

Raw


Copy

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  . . <head>
5  . . . . <meta charset="utf-8">
6  . . . . <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7
8  . . . . <title>Untitled Document</title>
9
10 . . . . <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
11 . . . . <link rel="stylesheet" href="/css/main.css">
12 . . </head>
13
```




rsgranne / bootstrap-5-cdn.html

Last active 8 months ago

 Edit Delete Unsubscribe Star

0

<> Code

Revisions 2

Embed ▾

<script src="http



Download ZIP

Bootstrap 5 CDN template for Web dev courses

 bootstrap-5-cdn.html

Raw

Copy

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7
8   <title>Untitled Document</title>
9
10  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
11  <link rel="stylesheet" href="/css/main.css">
12 </head>
13
```


Click on the *Raw* button


```
<!DOCTYPE html>
<html lang="en">

  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <title>Untitled Document</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">
    <link rel="stylesheet" href="/css/main.css">
  </head>

  <body>

    <!-- Do NOT delete this script tag -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-k7Sk0Gln4gmtz2MlQnikT1wXgYs0g+OMhuP+IlRH9sENB00LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

  </body>
</html>
```

Press ⌘A / Ctrl+A to *select all* the text

```
<!DOCTYPE html>
<html lang="en">
```

```
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
```

```
<title>Untitled Document</title>
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">
<link rel="stylesheet" href="/css/main.css">
</head>
```

```
<body>
```

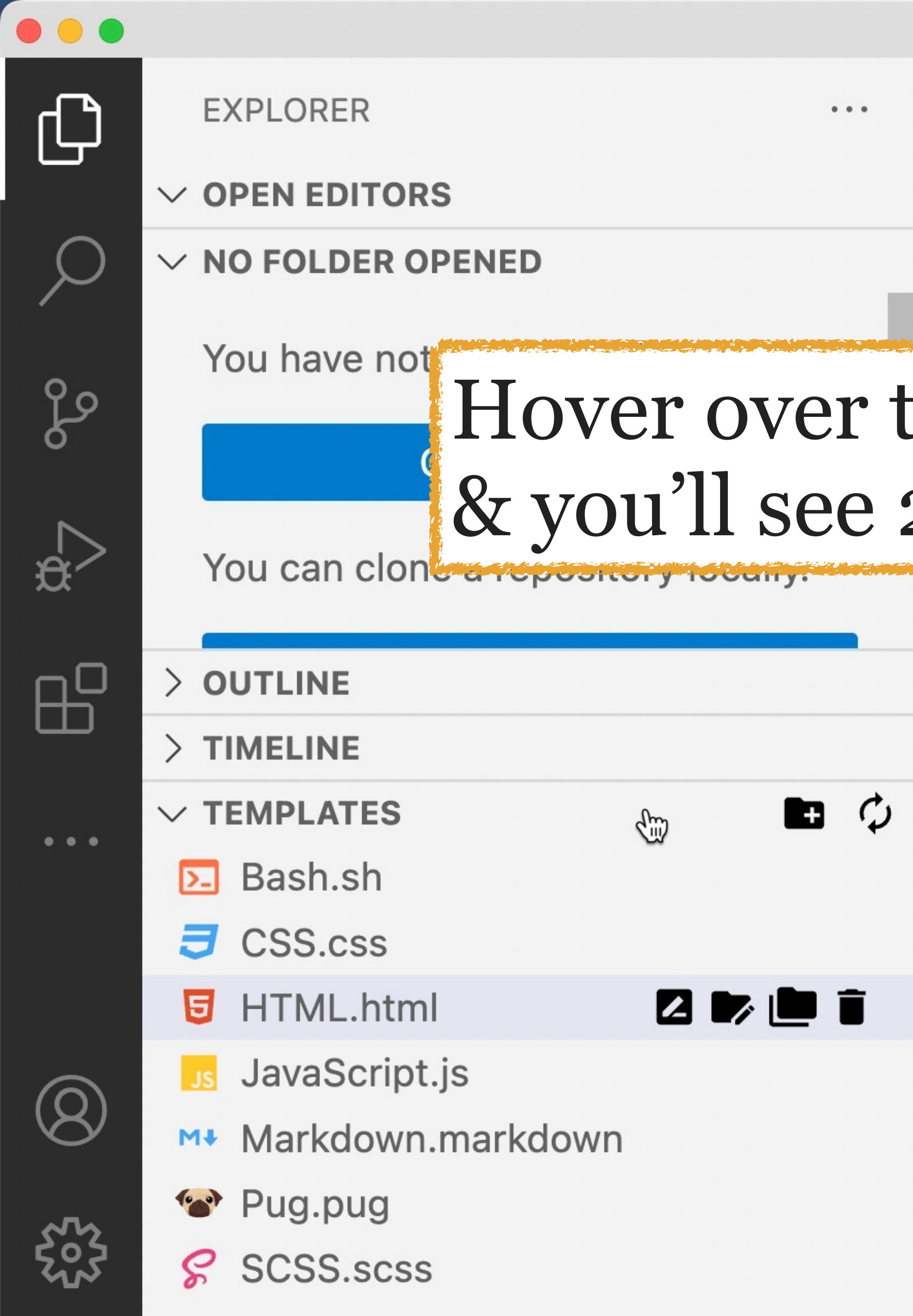
```
<!-- Do NOT delete th
<script src="https://
ka7Sk0Gln4gmtz2MlQnikT1wX
</body>
</html>
```

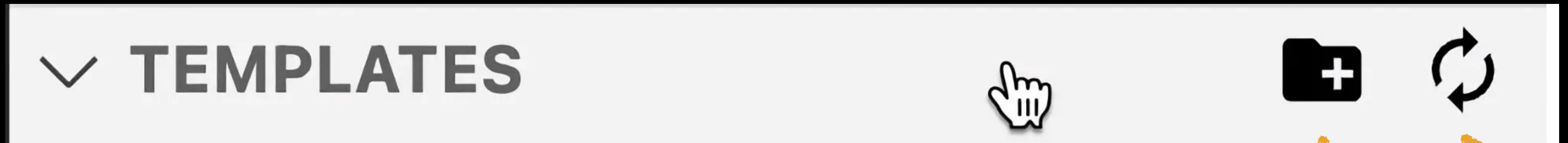
Press ⌘C / Ctrl+C to *copy* the selected text

Press ⌘W / Ctrl+W to *close* the browser tab

Now go back to Visual Studio Code

Hover over the Templates View title bar
& you'll see 2 buttons

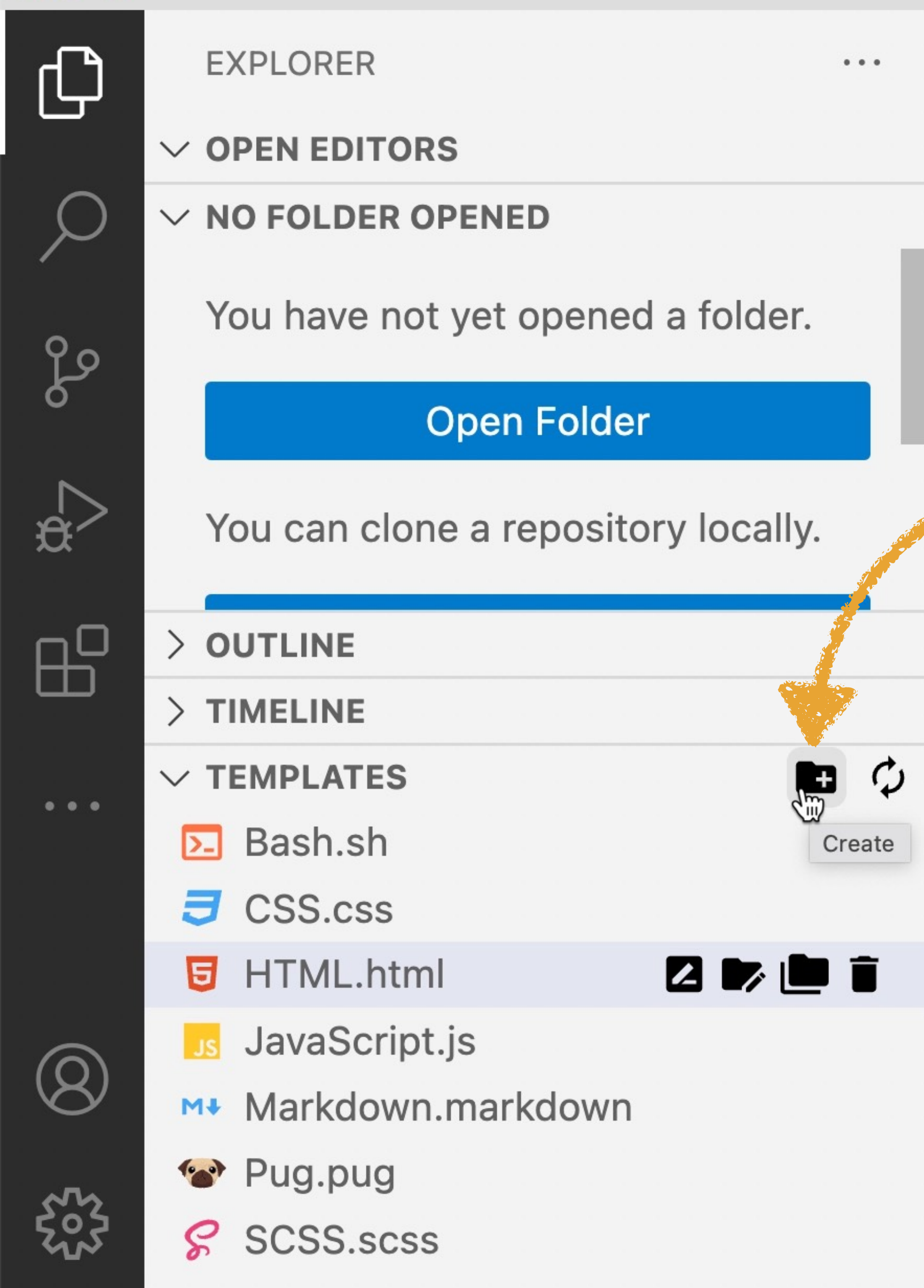




Create

Refresh

To create a new template, hover over the Templates
View title bar



EXPLORER

✓ OPEN EDITORS

✓ NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

You can clone a repository locally.

> OUTLINE

> TIMELINE

✓ TEMPLATES

- Bash.sh
- CSS.css
- HTML.html
- JavaScript.js
- Markdown.markdown
- Pug.pug
- SCSS.scss

Create

Click on the *Create* button



EXPLORER

✓ OPEN EDITORS

✓ NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

You can clone a repository locally.

> OUTLINE

> TIMELINE

✓ TEMPLATES



Bash.sh

CSS.css

HTML.html



JavaScript.js

Markdown.markdown

Pug.pug

SCSS.scss

Filename

Enter a template name (Press 'Enter' to confirm or 'Escape' to cancel)

You will be asked for the title of
your template

Type this *exactly*:

Bootstrap 5 CDN.html



0 0

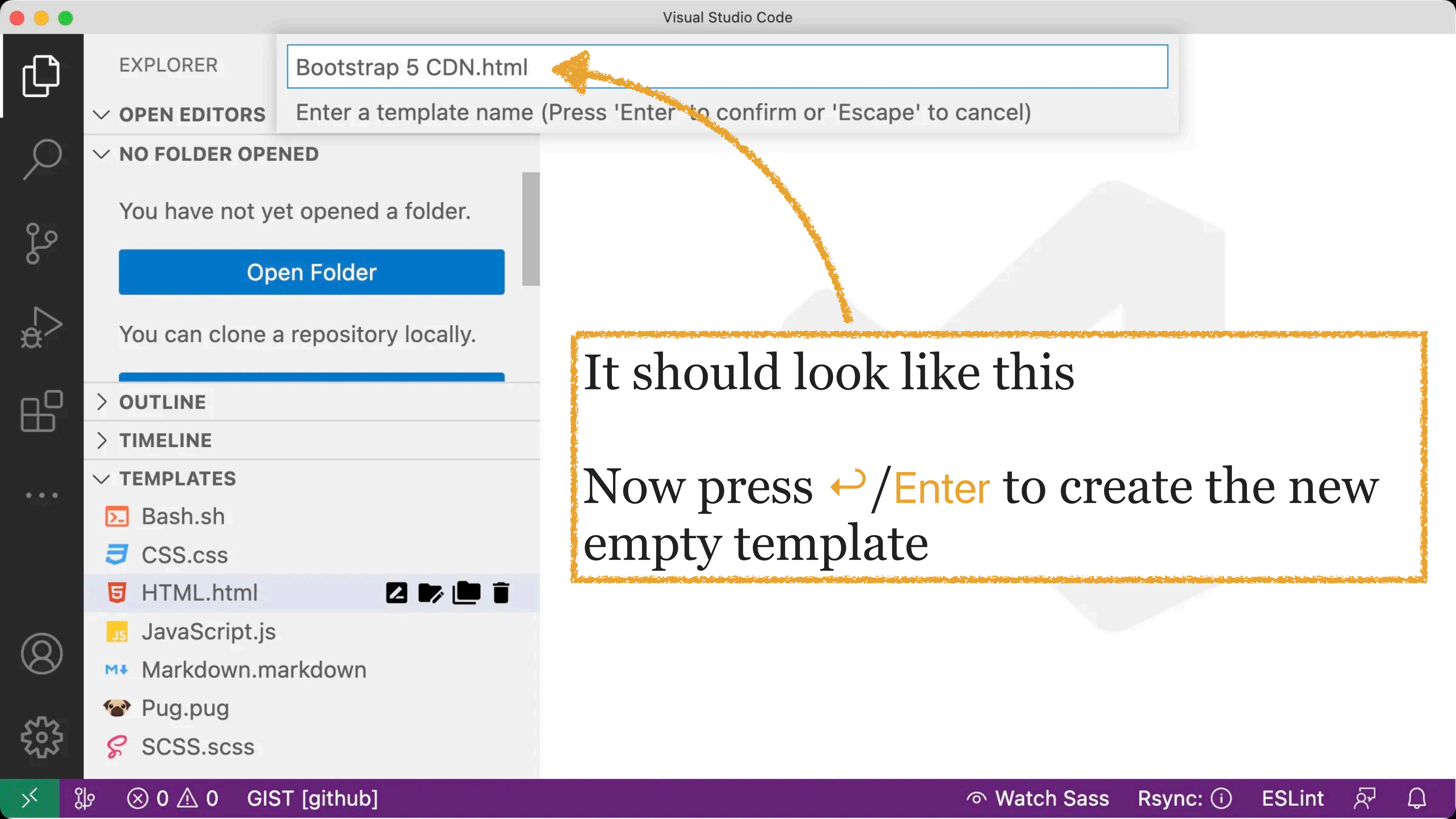
GIST [github]

Watch Sass

Rsync: ⓘ

ESLint





Bootstrap 5 CDN.html

Enter a template name (Press 'Enter' to confirm or 'Escape' to cancel)

EXPLORER

✓ OPEN EDITORS

✓ NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

You can clone a repository locally.

> OUTLINE

> TIMELINE

✓ TEMPLATES

Bash.sh

CSS.css

HTML.html

JavaScript.js

Markdown.markdown

Pug.pug

SCSS.scss

It should look like this

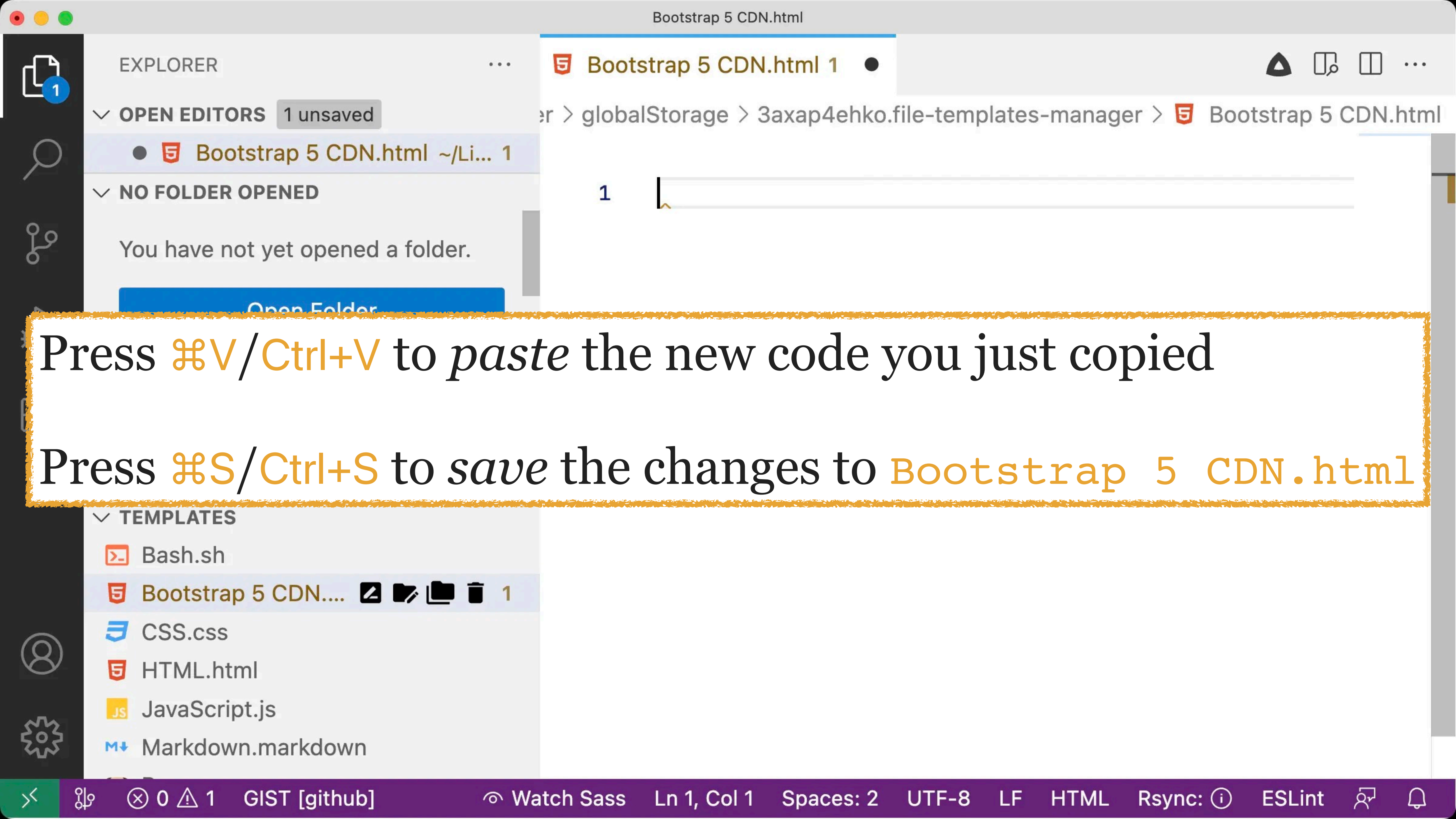
Now press ↵/Enter to create the new empty template

GIST [github]

Watch Sass

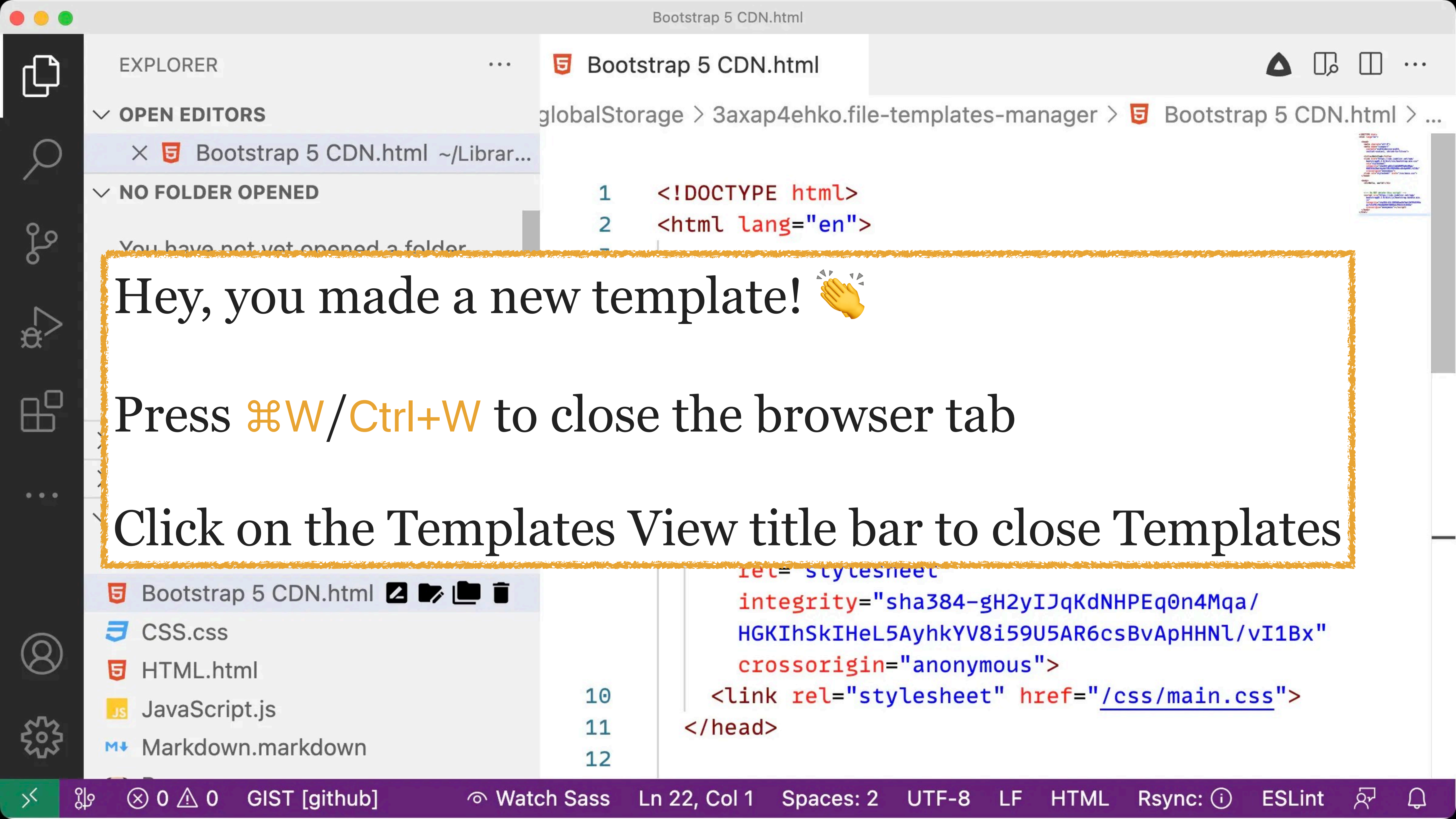
Rsync: ⓘ

ESLint



Press **⌘V/Ctrl+V** to *paste* the new code you just copied

Press **⌘S/Ctrl+S** to *save* the changes to **Bootstrap 5 CDN.html**



EXPLORER

Bootstrap 5 CDN.html

OPEN EDITORS

Bootstrap 5 CDN.html ~/Librar...

NO FOLDER OPENED

You have not yet opened a folder

globalStorage > 3axap4ehko.file-templates-manager > Bootstrap 5 CDN.html > ...

```
1 <!DOCTYPE html>
2 <html lang="en">
```

Hey, you made a new template! 🙌

Press ⌘W / Ctrl+W to close the browser tab

Click on the Templates View title bar to close Templates

Bootstrap 5 CDN.html

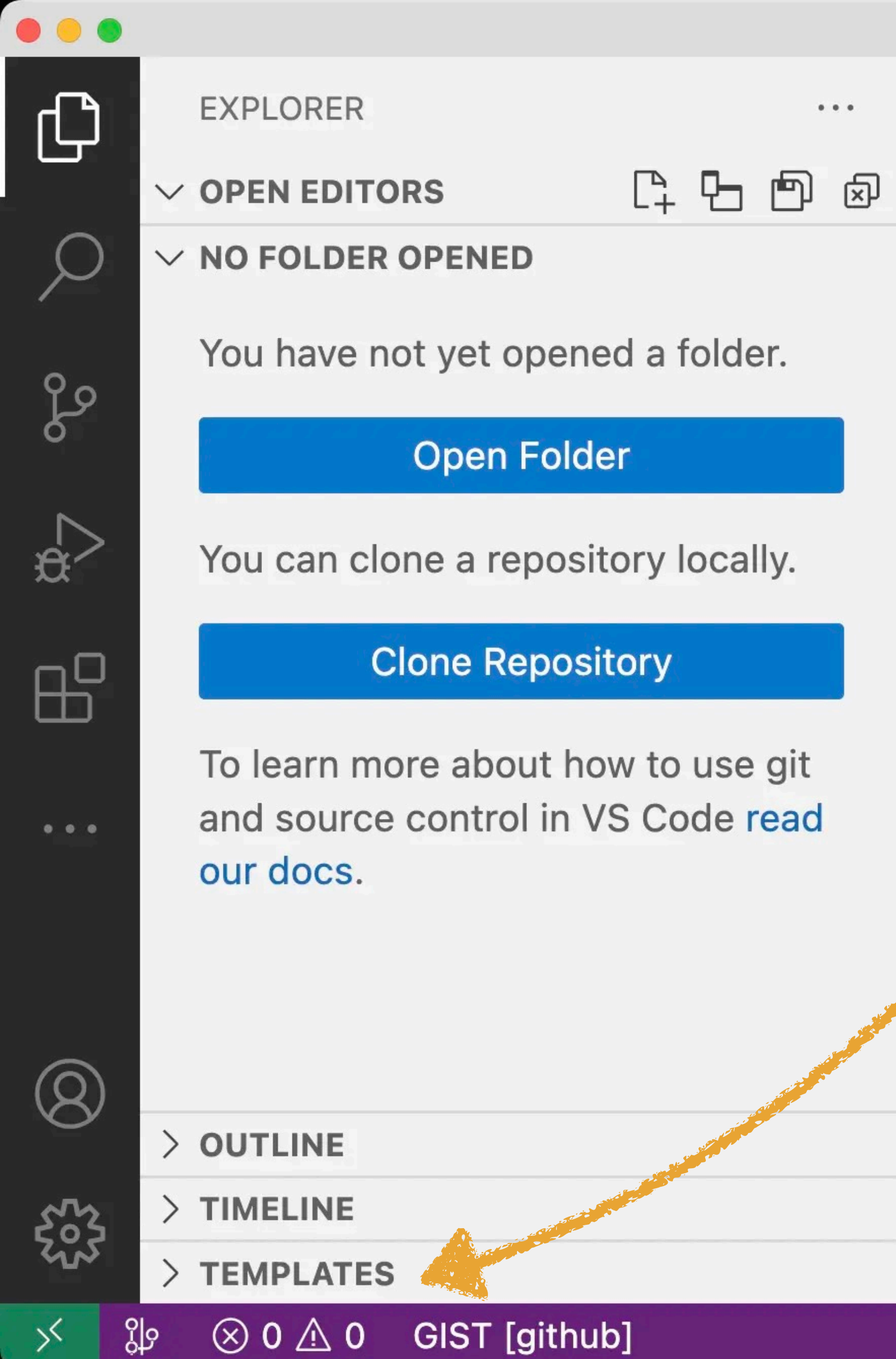
CSS.css

HTML.html

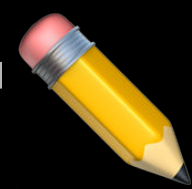
JavaScript.js

Markdown.markdown

```
10 <link rel="stylesheet" href="/css/main.css">
11 </head>
12
```

You'll never need to open Templates again unless you are creating, editing, or deleting a template

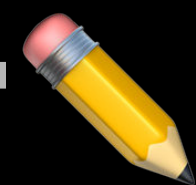


SIDE NOTE

You probably won't need these, but in case you do...

Bootstrap 3 CDN template: <https://chnsa.ws/1b2>

Bootstrap 4 CDN template: <https://chnsa.ws/1b3>



SIDE NOTE

FYI where templates are stored (in case you want to back them up)

🍏: ~/Library/Application Support/Code/User/
CodeTemplates/

🏠: %HOME%

\AppData\Roaming\Code\User\globalStorage\
3axap4ehko.file-templates-manager (those letters &
numbers may be different)

Now that File Templates Manager is installed, here's how to use it

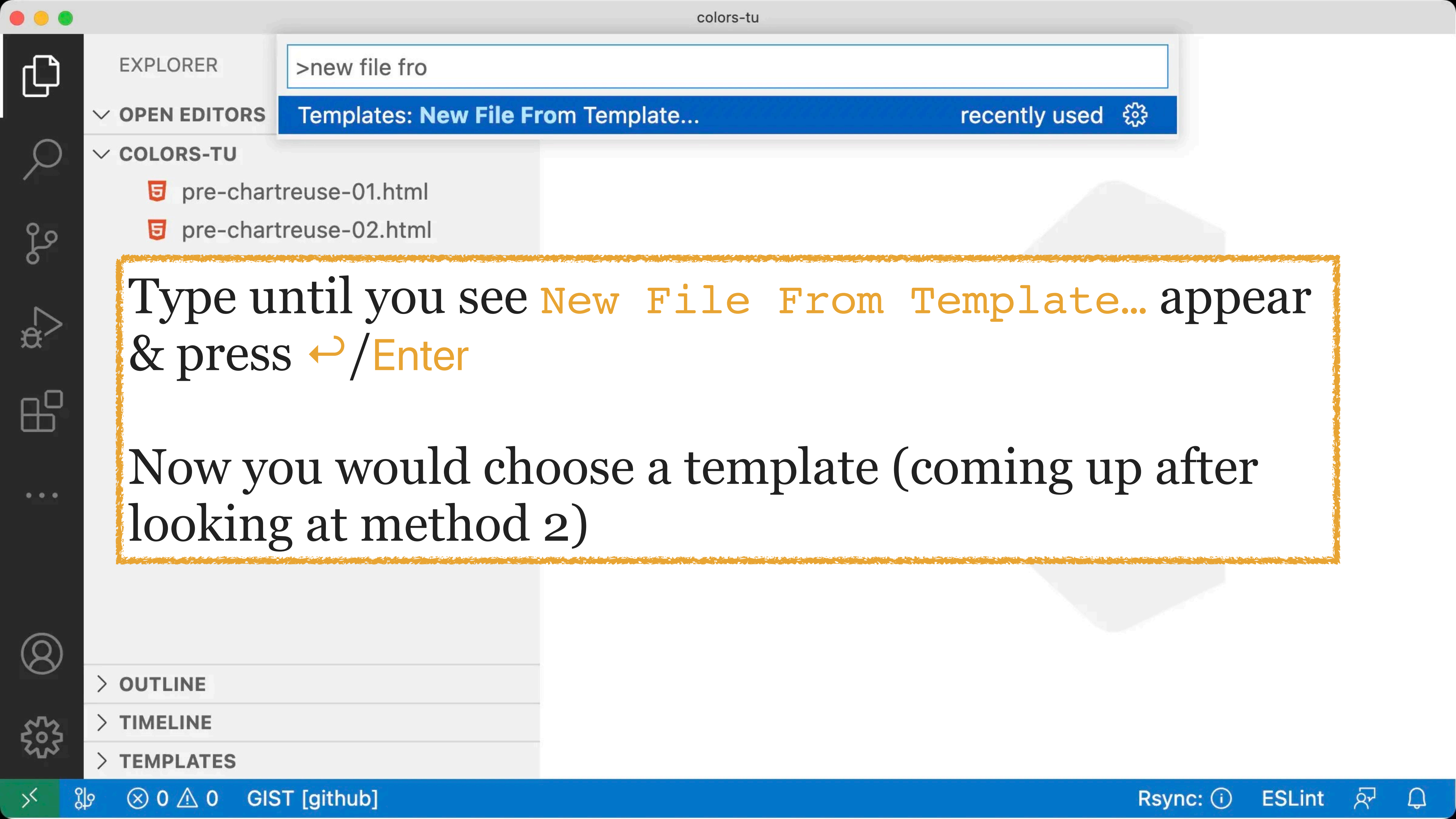
There are 2 ways to invoke File Templates Manager

1. Using the Command Palette
2. Right-clicking in the Explorer View where you see all the files & folders in your current project/folder

Method 1: Using the Command Palette



Invoke the Command Palette (  P or **Ctrl+Shift+P**)



EXPLORER

OPEN EDITORS

COLORS-TU

pre-chartreuse-01.html

pre-chartreuse-02.html

>new file fro

Templates: **New File From Template...**

recently used



Type until you see **New File From Template...** appear
& press ↵ / **Enter**

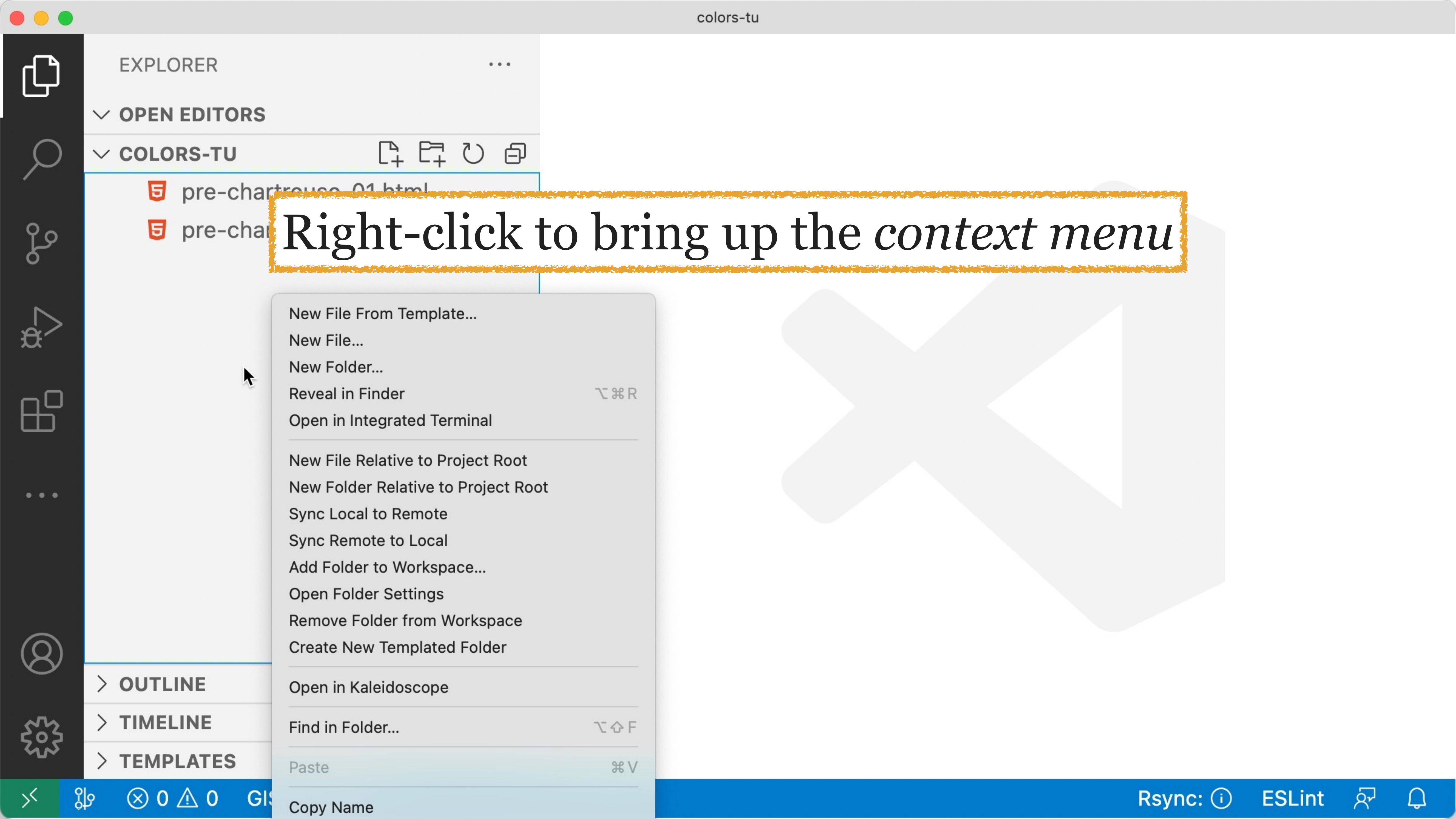
Now you would choose a template (coming up after
looking at method 2)

> OUTLINE

> TIMELINE

> TEMPLATES

Method 2: Right-clicking in the Explorer View



Right-click to bring up the *context menu*

- New File From Template...
- New File...
- New Folder...
- Reveal in Finder ⌘⇧R
- Open in Integrated Terminal
- New File Relative to Project Root
- New Folder Relative to Project Root
- Sync Local to Remote
- Sync Remote to Local
- Add Folder to Workspace...
- Open Folder Settings
- Remove Folder from Workspace
- Create New Templated Folder
- Open in Kaleidoscope
- Find in Folder... ⌘⇧F
- Paste ⌘V
- Copy Name

EXPLORER

OPEN EDITORS

COLORS-TU

pre-chartreuse_01.html

pre-char

OUTLINE

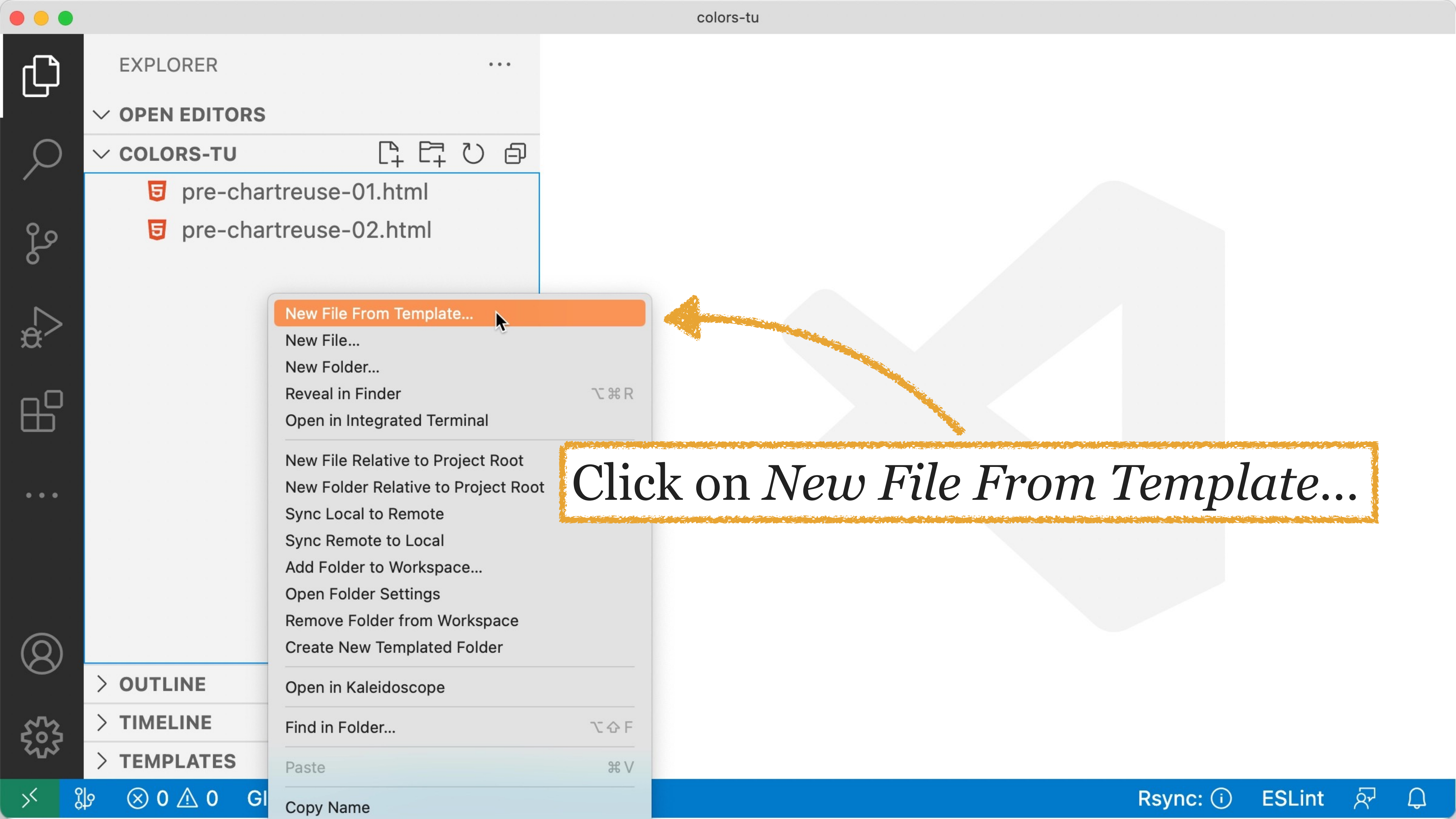
TIMELINE

TEMPLATES

Rsync: ⓘ

ESLint





EXPLORER

OPEN EDITORS

COLORS-TU

pre-chartreuse-01.html

pre-chartreuse-02.html

New File From Template...

New File...

New Folder...

Reveal in Finder

Open in Integrated Terminal

New File Relative to Project Root

New Folder Relative to Project Root

Sync Local to Remote

Sync Remote to Local

Add Folder to Workspace...

Open Folder Settings

Remove Folder from Workspace

Create New Templated Folder

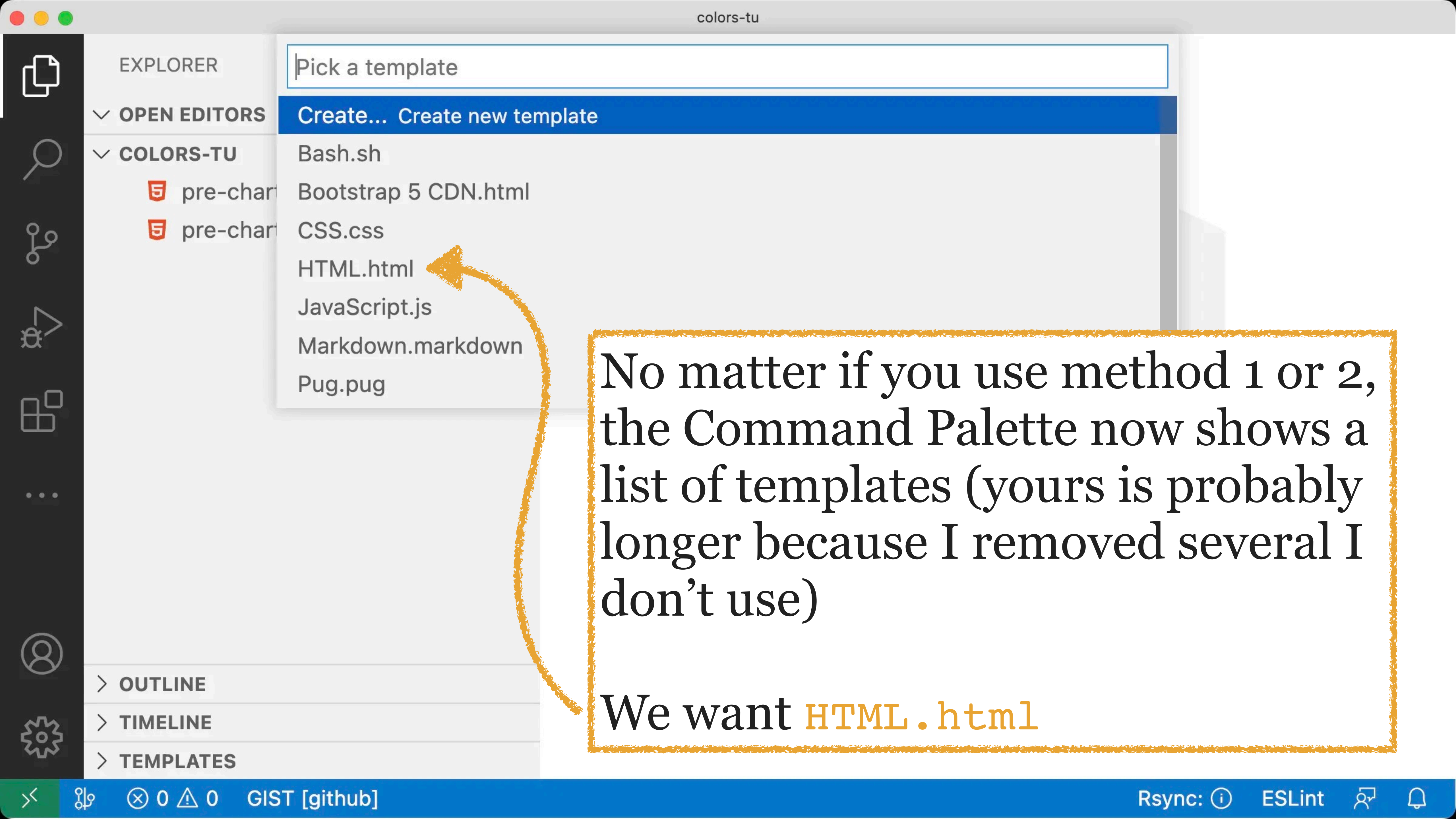
Open in Kaleidoscope

Find in Folder...

Paste

Copy Name

Click on *New File From Template...*



Pick a template

Create... Create new template

Bash.sh

Bootstrap 5 CDN.html

CSS.css

HTML.html

JavaScript.js

Markdown.markdown

Pug.pug

No matter if you use method 1 or 2, the Command Palette now shows a list of templates (yours is probably longer because I removed several I don't use)

We want **HTML.html**

EXPLORER

OPEN EDITORS

COLORS-TU

pre-char

pre-char

OUTLINE

TIMELINE

TEMPLATES

colors-tu

Rsync: ⓘ

ESLint

🔍

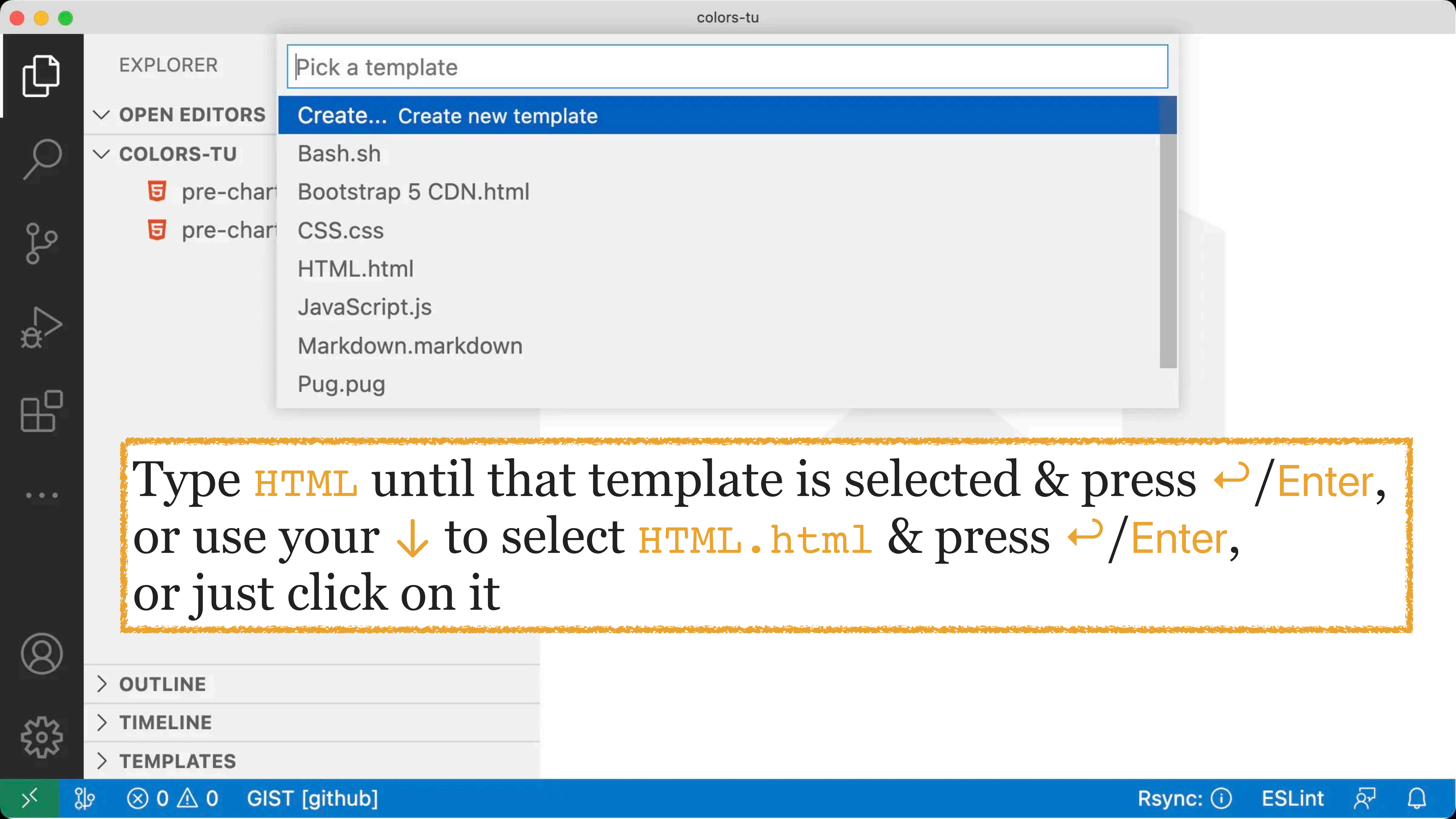
🔔

GIST [github]

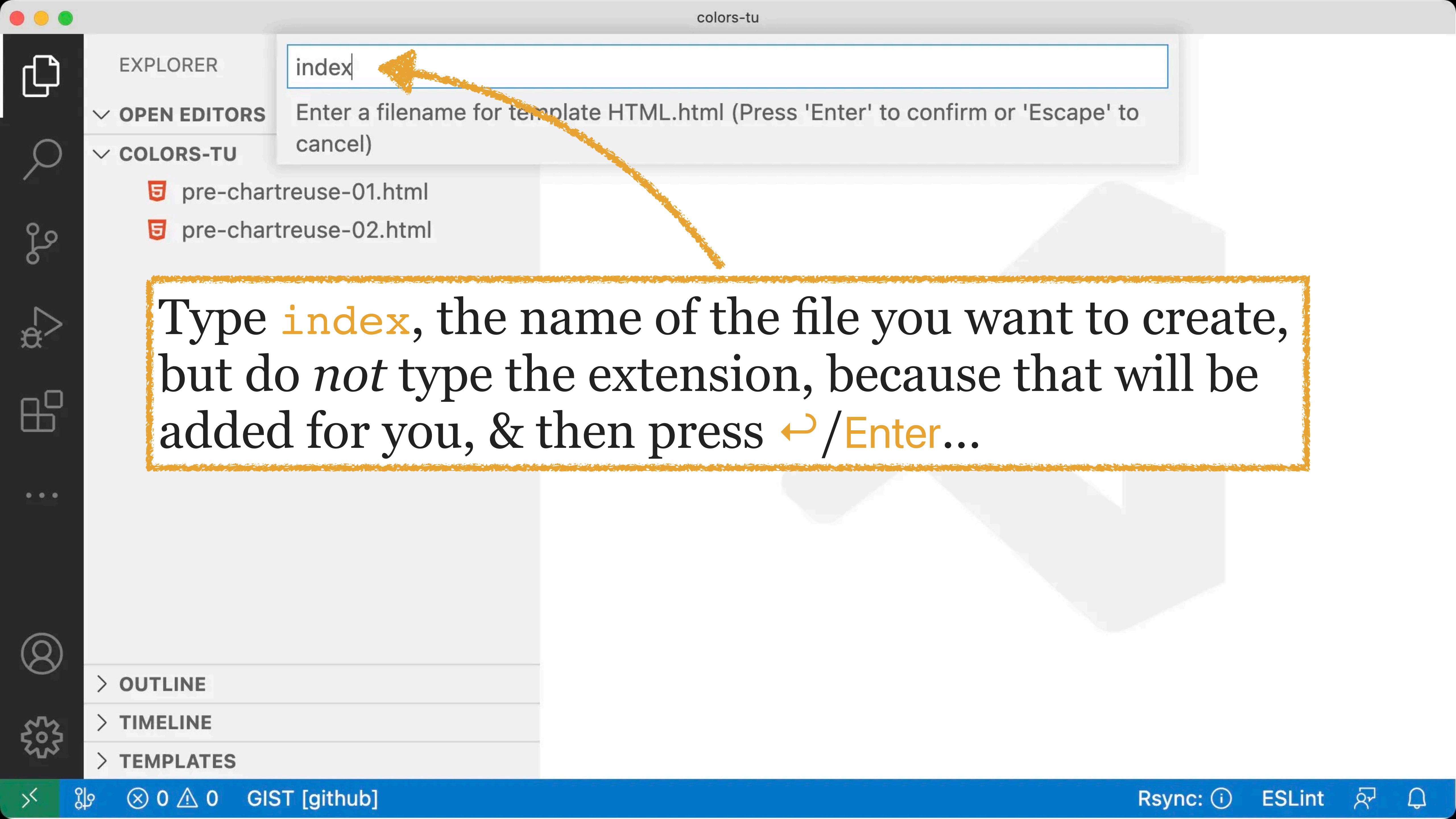
0 0

🔗

<>



Type **HTML** until that template is selected & press ↵/Enter, or use your ↓ to select **HTML.html** & press ↵/Enter, or just click on it



index

Enter a filename for template HTML.html (Press 'Enter' to confirm or 'Escape' to cancel)

Type **index**, the name of the file you want to create, but do *not* type the extension, because that will be added for you, & then press ↵/Enter...

> OUTLINE

> TIMELINE

> TEMPLATES

GIST [github]

Rsync: ⓘ

ESLint



EXPLORER



OPEN EDITORS

× index.html

COLORS-TU

index.html

pre-chartreuse-01.html

pre-chartreuse-02.html



Here's your new file,
ready to edit!

index.html

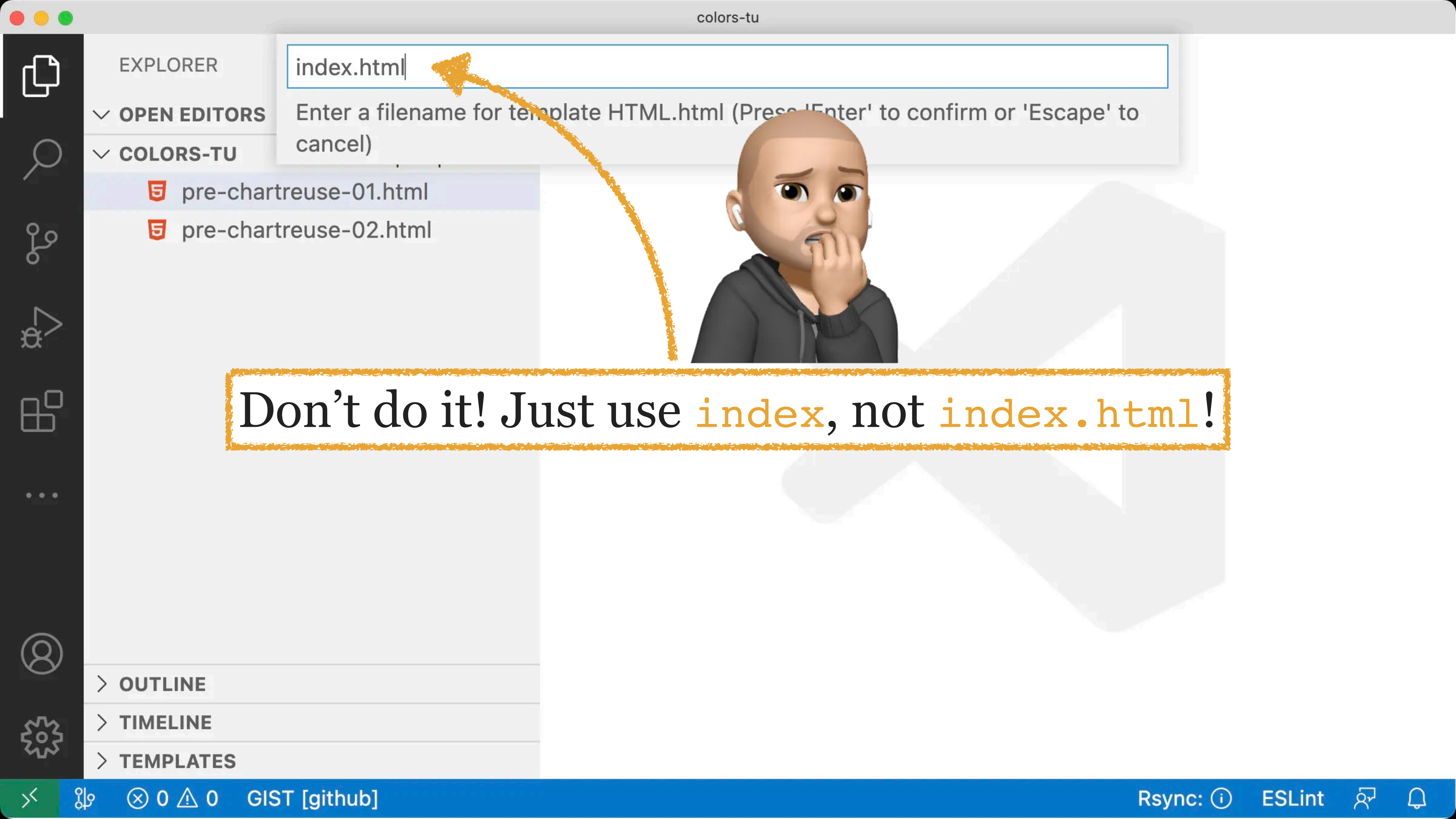


index.html > ...

```
1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <title>Untitled Document</title>
7   <link rel="stylesheet" href="/css/main.css">
8 </head>
9
10 <body>
11
12
13
14 </body>
15
16 </html>
17
```

...& notice it's using the HTML5
template we copied into File
Templates Manager

Remember, do not type the file extension (`.html`, `.css`, `.js`) when you are creating a new file from a template



index.html

Enter a filename for template HTML.html (Press 'Enter' to confirm or 'Escape' to cancel)

pre-chartreuse-01.html

pre-chartreuse-02.html

Don't do it! Just use `index`, not `index.html`!

> OUTLINE

> TIMELINE

> TEMPLATES

GIST [github]

Rsync: ⓘ

ESLint



EXPLORER



OPEN EDITORS

× index.html.html

COLORS-TU



index.html.html

pre-chartreuse-01.html

pre-chartreuse-02.html



> OUTLINE

> TIMELINE

> TEMPLATES

index.html.html



index.html.html > ...

```
1  <!doctype html>
2  <html lang="en">
3
4  <head>
5    <meta charset="UTF-8">
6    <title>Untitled Document</title>
7    <link rel="stylesheet" href="/css/main.css">
8
9
10 <body>
11
12
13
14 </body>
15
16 </html>
17
```

Ruh-roh



0 0

GIST [github]

Ln 1, Col 1

Spaces: 2

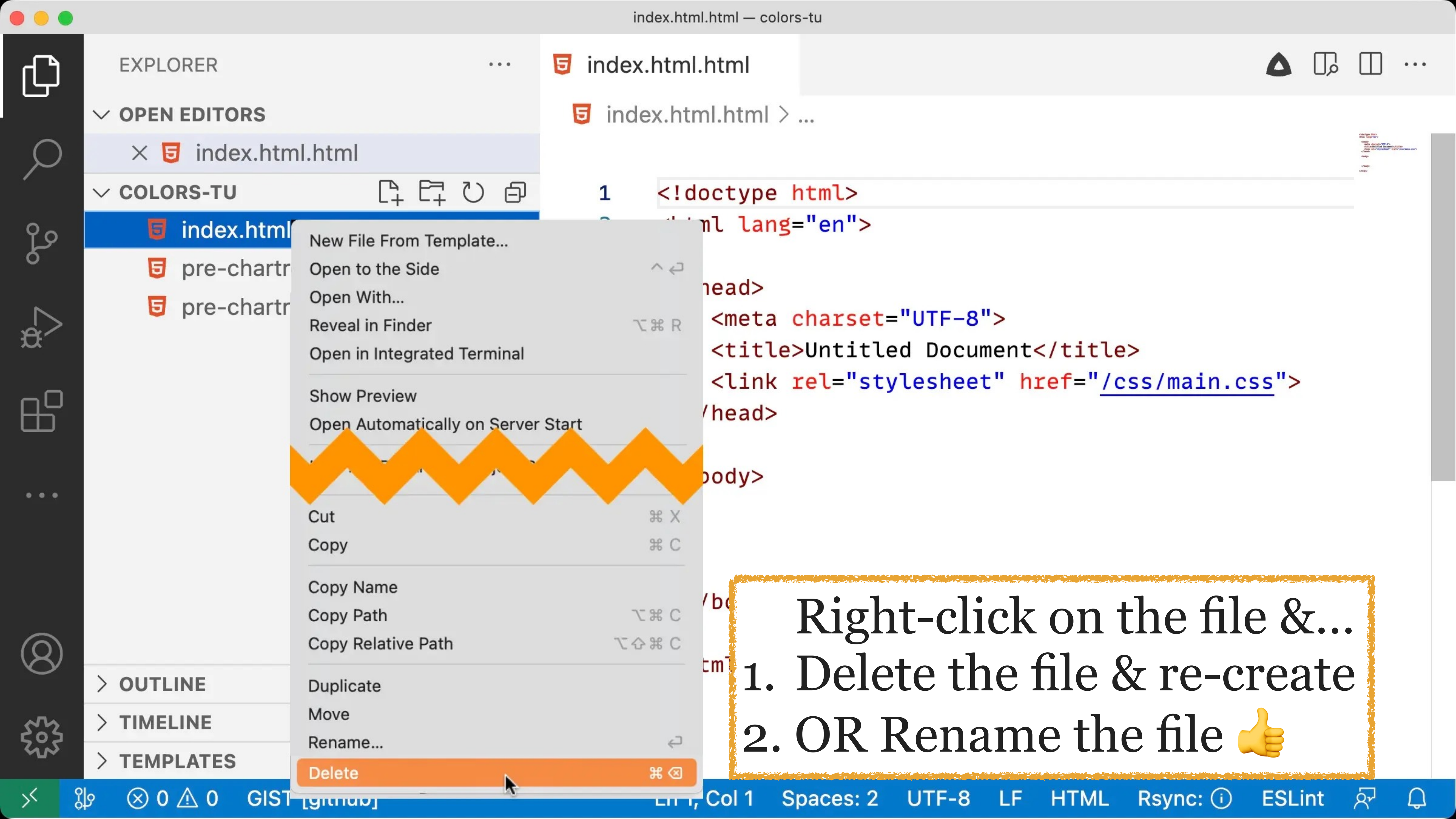
UTF-8

LF

HTML

Rsync: ⓘ

ESLint



EXPLORER

OPEN EDITORS

index.html.html

COLORS-TU

index.html.html

pre-chartr

pre-chartr

New File From Template...

Open to the Side

Open With...

Reveal in Finder

Open in Integrated Terminal

Show Preview

Open Automatically on Server Start

Cut

Copy

Copy Name

Copy Path

Copy Relative Path

Duplicate

Move

Rename...

Delete

index.html.html

index.html.html > ...

1

<!doctype html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Untitled Document</title>

<link rel="stylesheet" href="/css/main.css">

</head>

<body>

Right-click on the file &...

1. Delete the file & re-create
2. OR Rename the file 👍



EXPLORER



OPEN EDITORS

× index.html

COLORS-TU



index.html

pre-chartreuse-01.html

pre-chartreuse-02.html



> OUTLINE

> TIMELINE

> TEMPLATES

index.html



index.html > ...

```
1 <!doctype html>
2 <html lang="en">
3
4   <head>
5     <meta charset="UTF-8">
6     <title>Untitled Document</title>
7     <link rel="stylesheet" href="/css/main.css">
8   </head>
9
10  <body>
11
12
13
14  </body>
15
16 </html>
17
```



0 0

GIST [github]

Ln 1, Col 1

Spaces: 2

UTF-8

LF

HTML

Rsync: ⓘ

ESLint

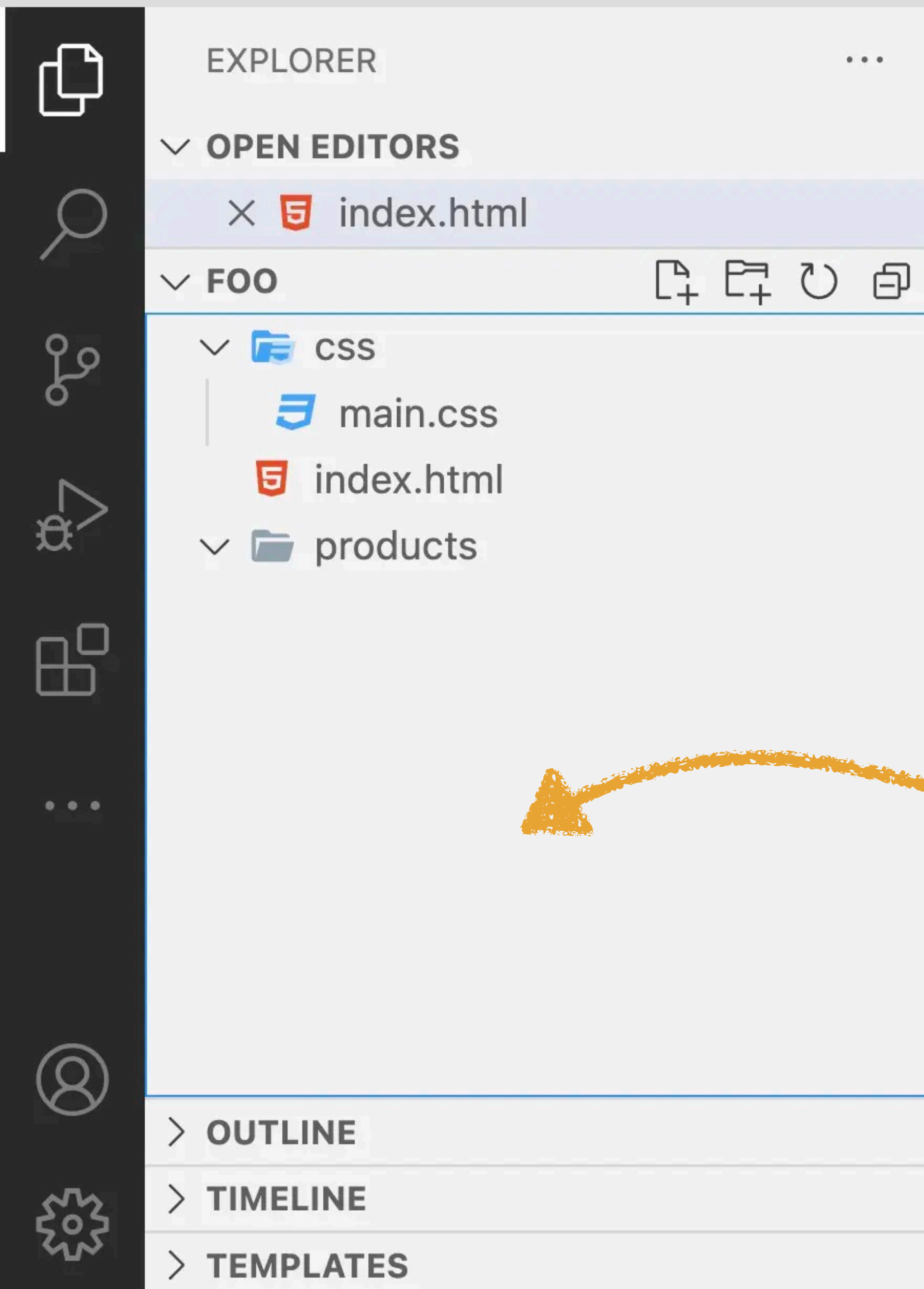


A very important tip about using File Templates Manager — whatever is selected in Explorer View will become the *parent* to any new file you create from a template

In other words, pay attention to what is selected in Explorer View *before* you create a new file

Let me explain with 3 examples...

Here's how to create a new file in the root of your project



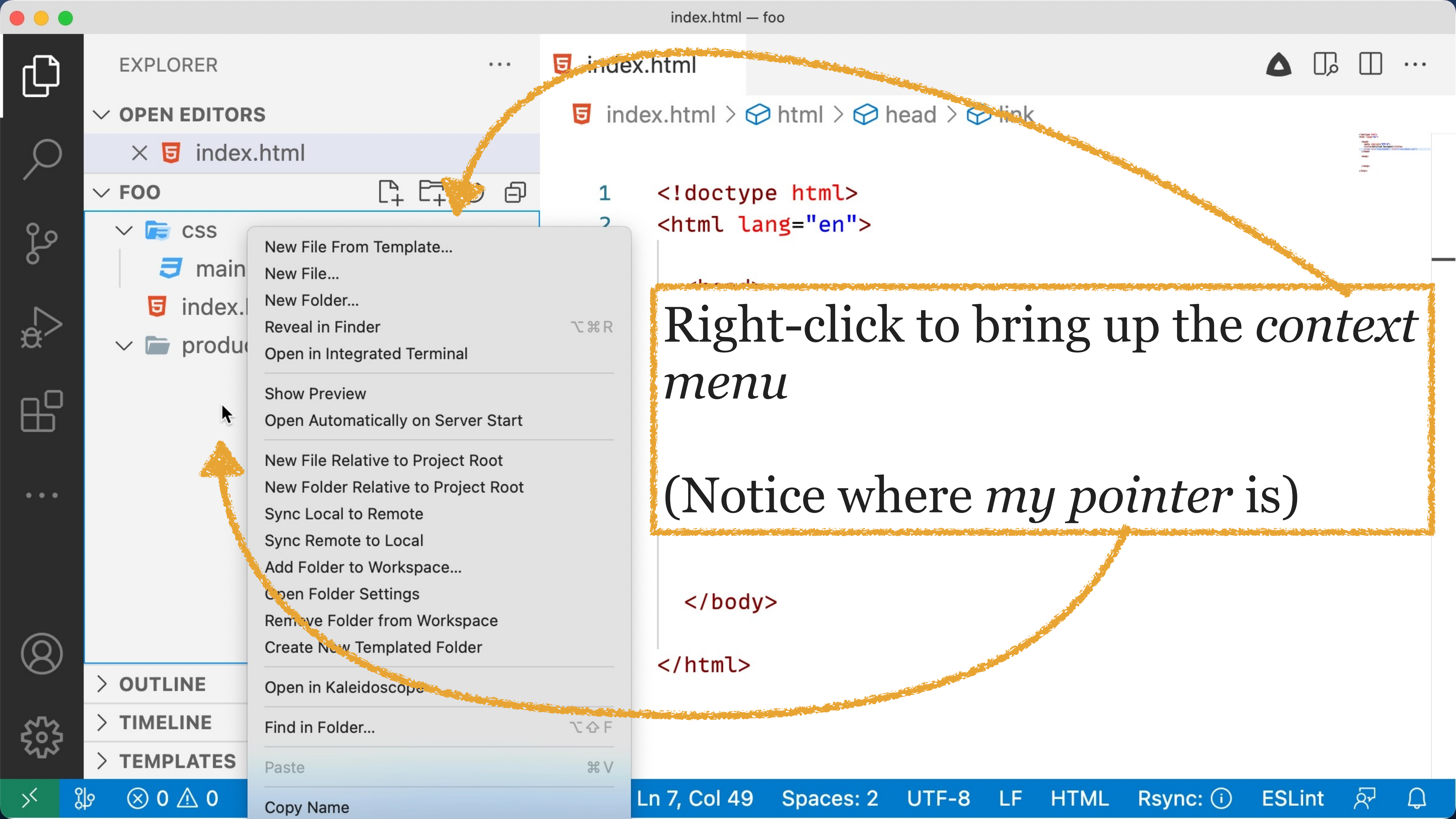
I want to create a new file at the root of my project, so that it is a sibling of `css`, `index.html`, & `products`

Note that nothing is selected — to do that, I clicked in the empty areas under `FOO`

See the blue border around the area under `FOO`? That means anything I create will be directly in the root — perfect!

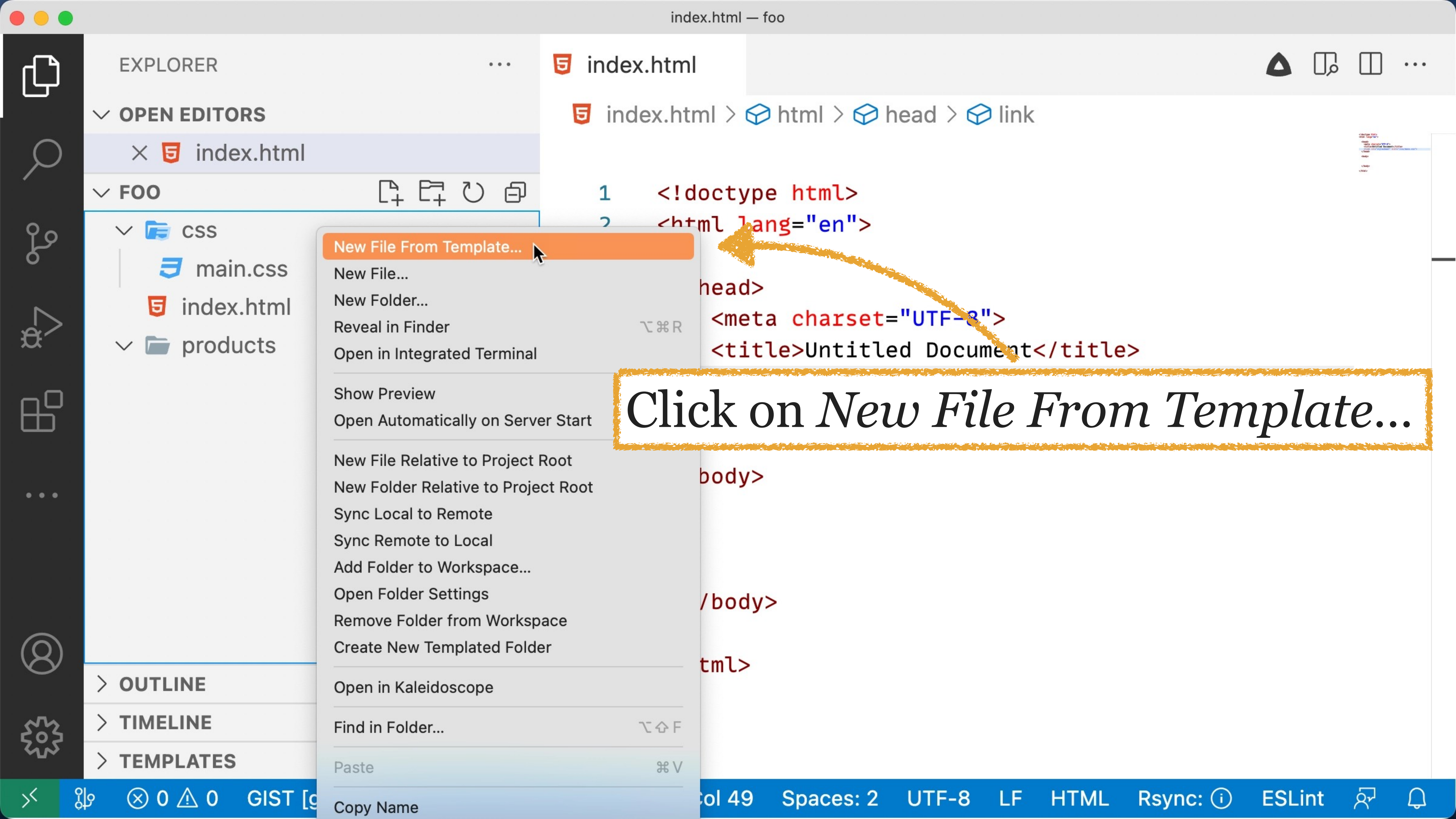
At this point, use method 1 (invoke the Command Palette directly with ⌘⇧P/Ctrl+Shift+P) or method 2 (right-click)

In these examples I'll use method 2

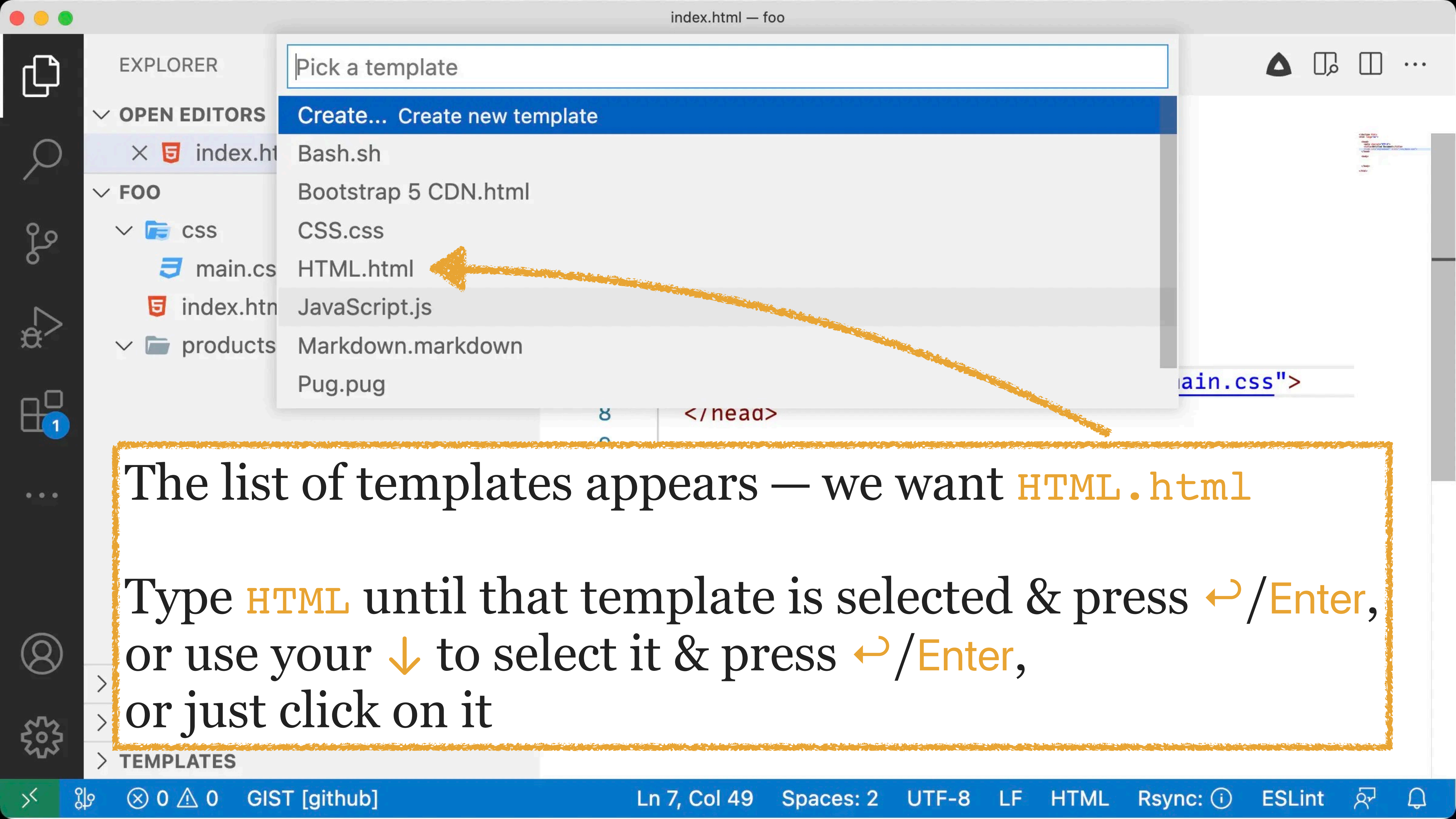


Right-click to bring up the *context menu*

(Notice where *my pointer* is)

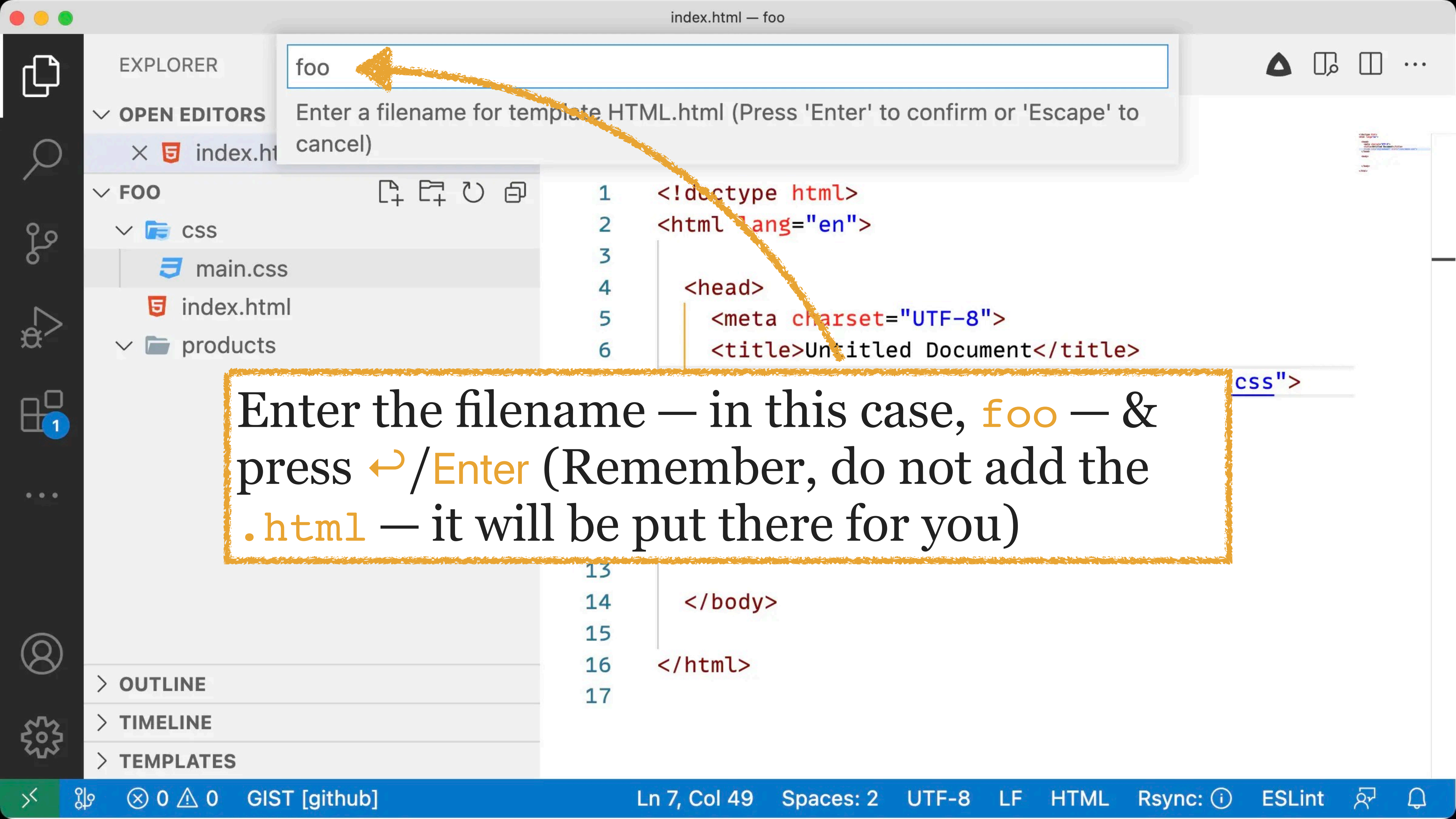


Click on *New File From Template...*

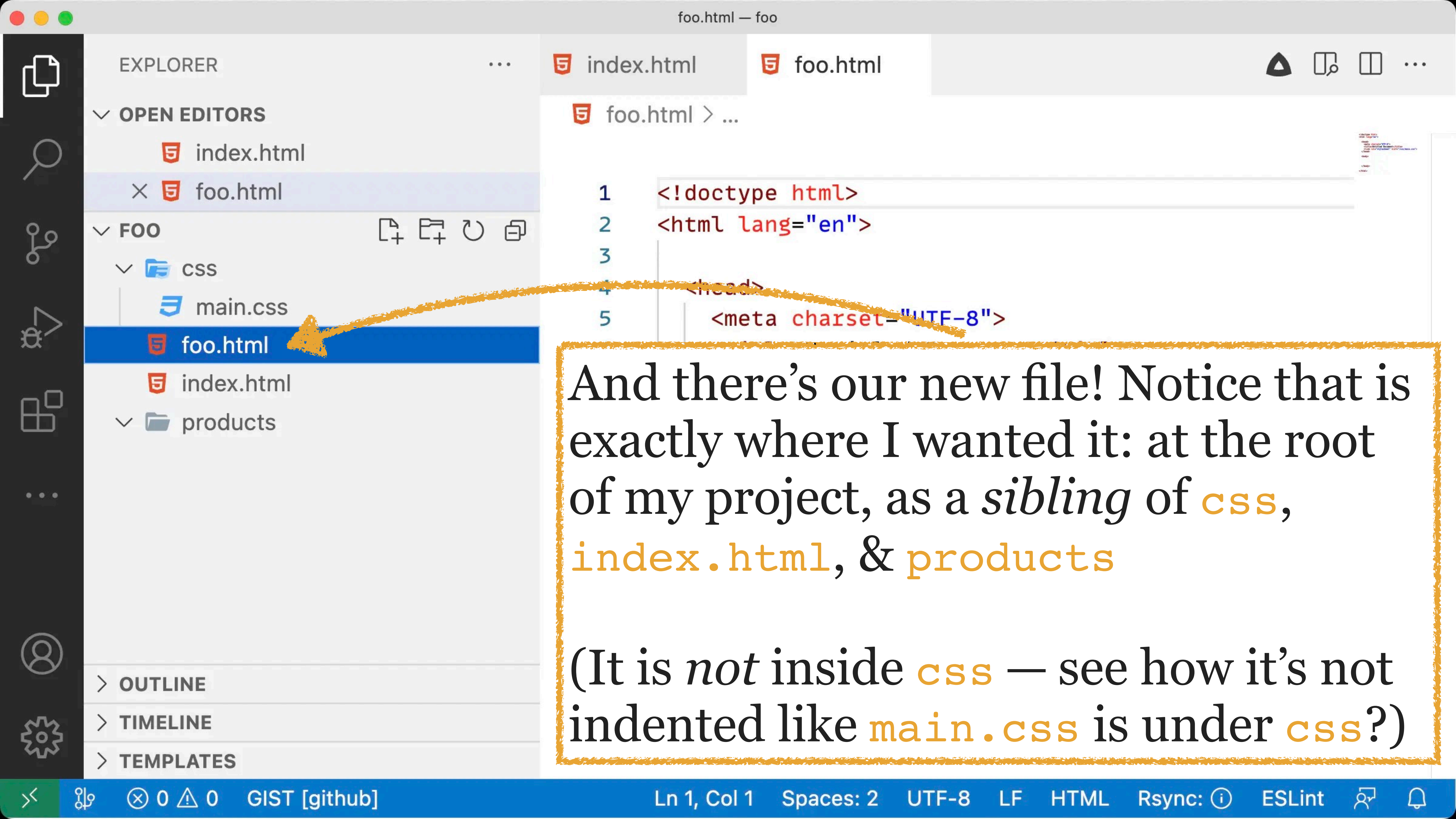


The list of templates appears — we want `HTML.html`

Type `HTML` until that template is selected & press ↵/Enter,
or use your ↓ to select it & press ↵/Enter,
or just click on it



Enter the filename — in this case, **foo** — & press ↵/Enter (Remember, do not add the **.html** — it will be put there for you)



EXPLORER

OPEN EDITORS

index.html

foo.html

FOO

css

main.css

foo.html

index.html

products

OUTLINE

TIMELINE

TEMPLATES

index.html

foo.html

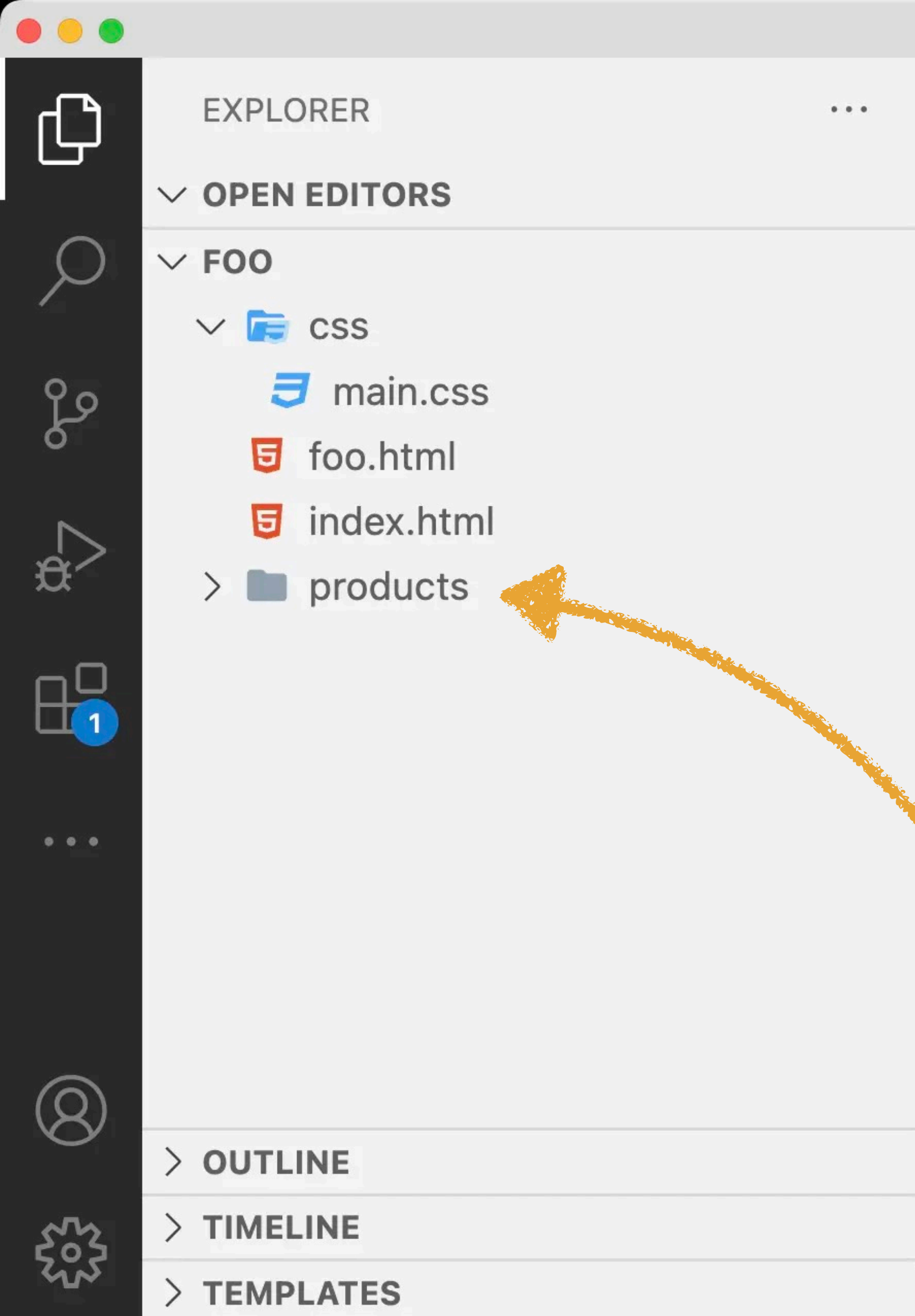
foo.html > ...

```
1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
```

And there's our new file! Notice that is exactly where I wanted it: at the root of my project, as a *sibling* of `css`, `index.html`, & `products`

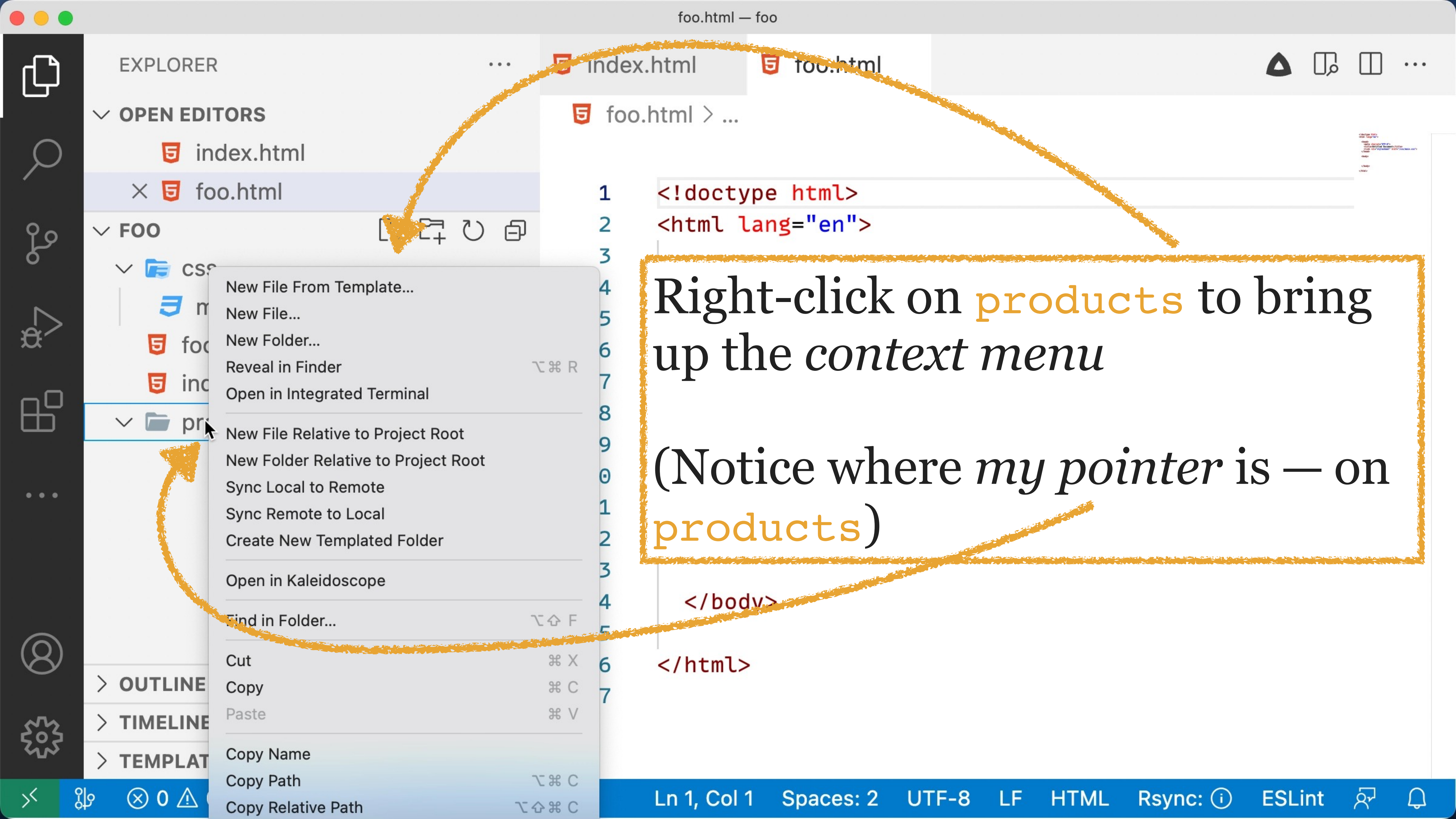
(It is *not* inside `css` — see how it's not indented like `main.css` is under `css`?)

Here's how to create a new file inside another folder



I want to create a new file inside `products` named `product-1.html`

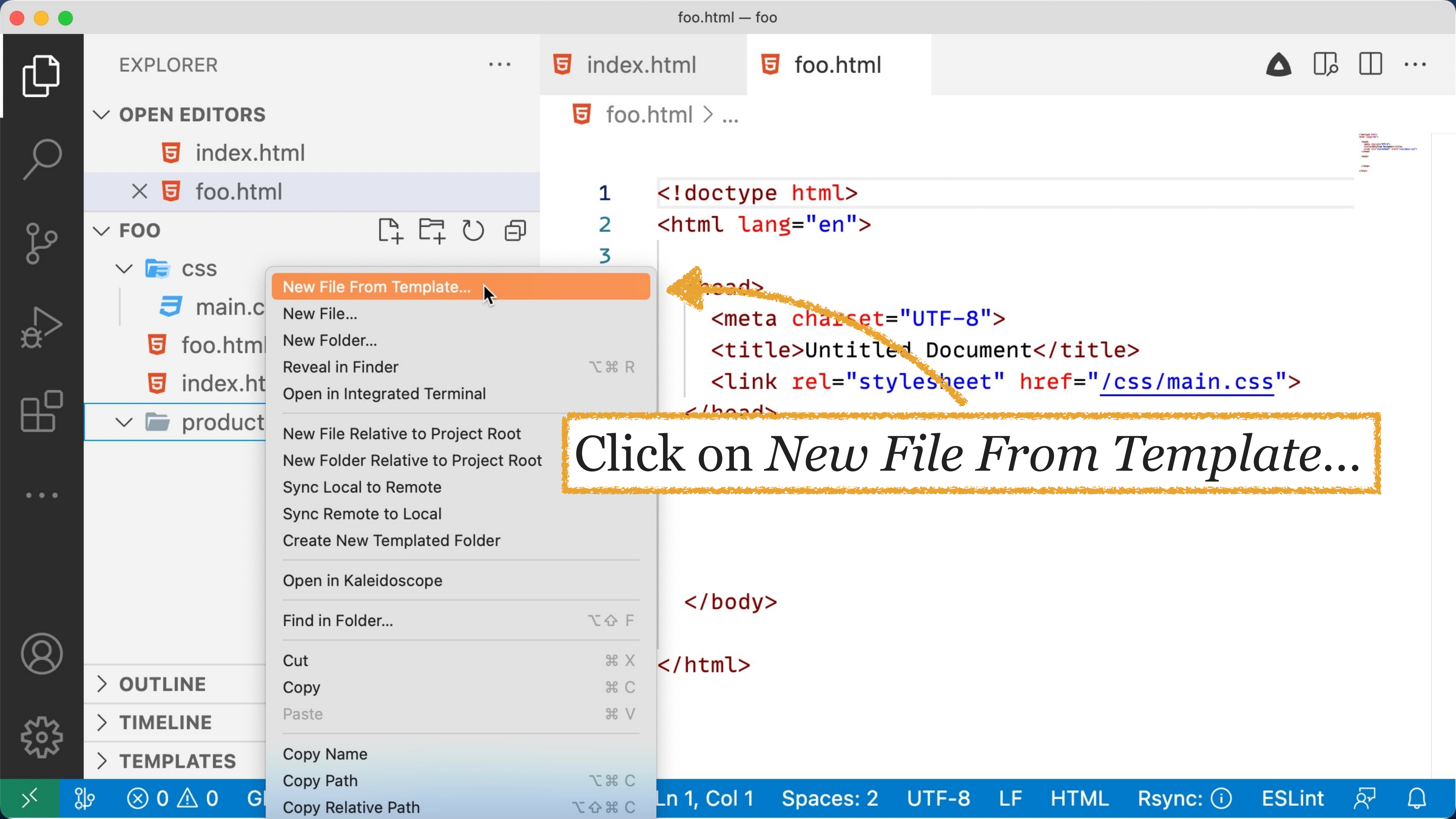
Note that nothing is selected — I could click on `products` to select it first, but I don't have to



Right-click on **products** to bring up the *context menu*

(Notice where *my pointer* is — on **products**)

```
1 <!doctype html>
2 <html lang="en">
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EXPLORER

OPEN EDITORS

index.html

foo.html

FOO

CSS

main.css

foo.html

index.html

product

index.html

foo.html

foo.html > ...

1
2
3

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <title>Untitled Document</title>
    <link rel="stylesheet" href="/css/main.css">
  </head>
  </body>
</html>
```

New File From Template...

New File...

New Folder...

Reveal in Finder

Open in Integrated Terminal

New File Relative to Project Root

New Folder Relative to Project Root

Sync Local to Remote

Sync Remote to Local

Create New Templated Folder

Open in Kaleidoscope

Find in Folder...

Cut

Copy

Paste

Copy Name

Copy Path

Copy Relative Path

⌘ R

Click on *New File From Template...*

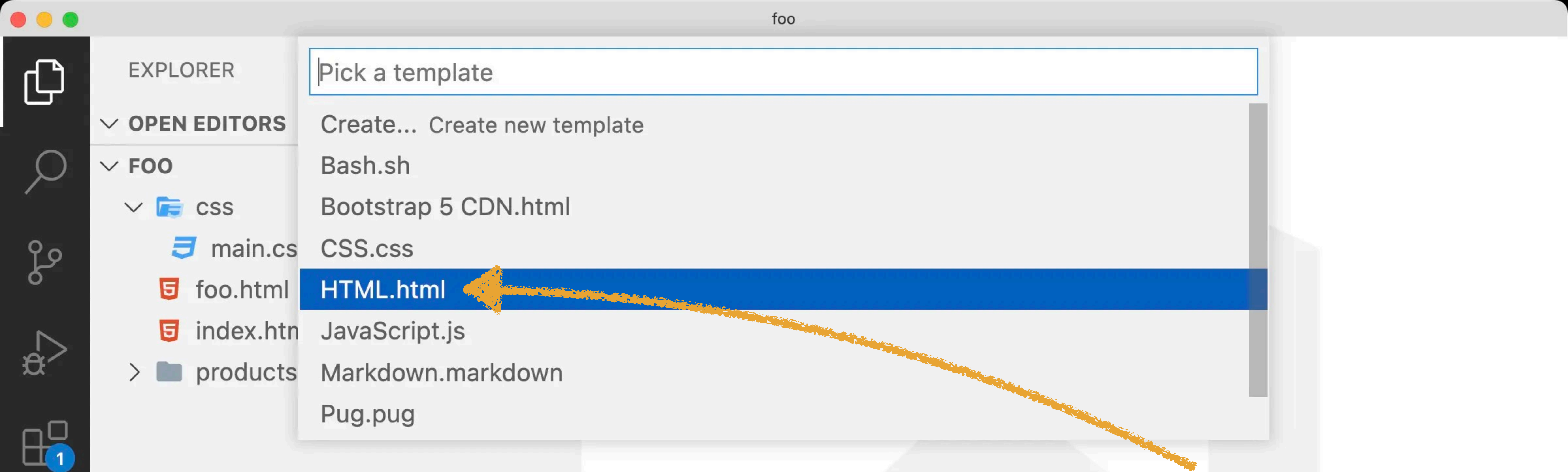
⌘ X

⌘ C

⌘ V

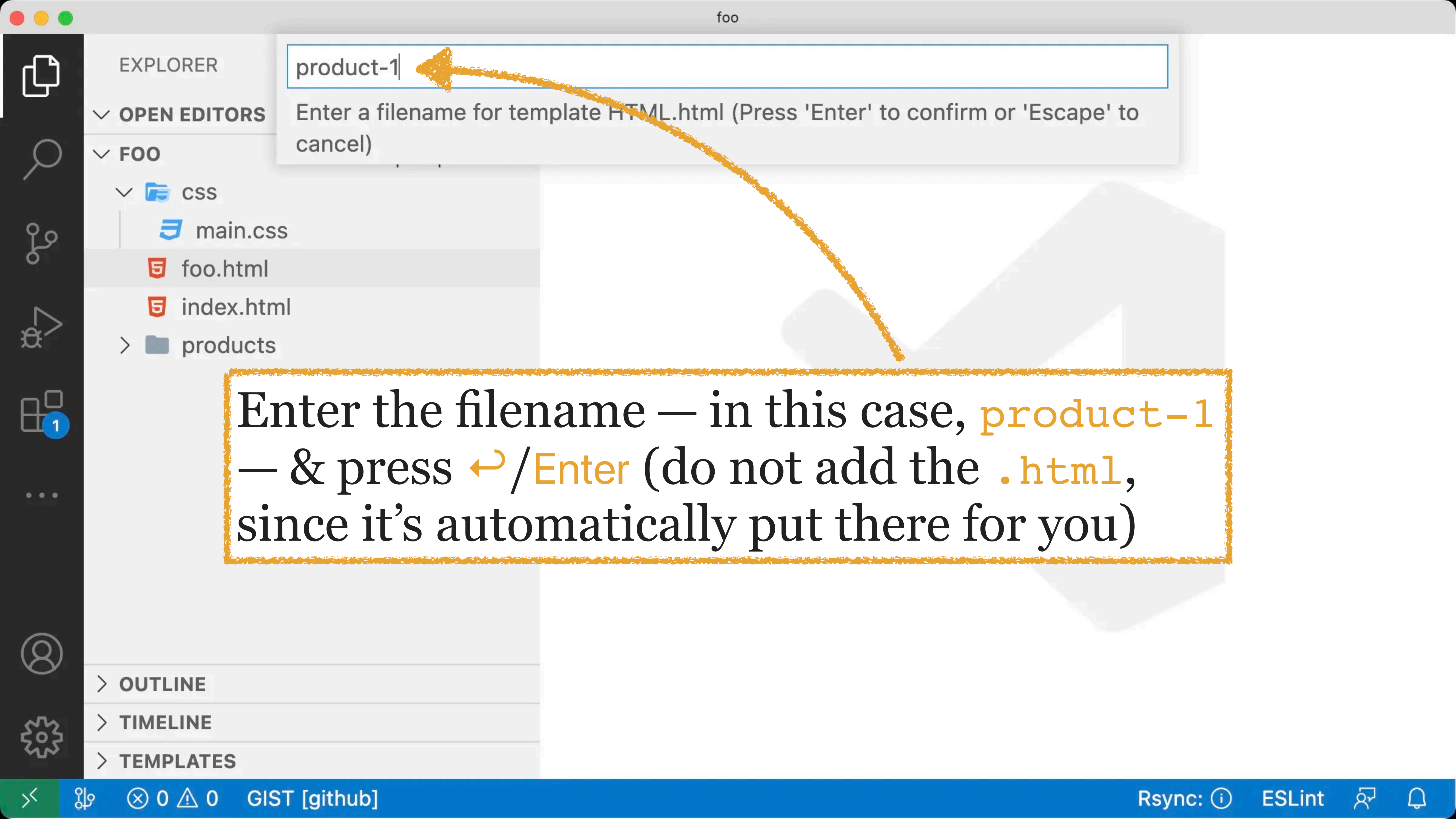
⌘ ⌘ C

⌘ ⌘ ⌘ C



The list of templates appears — we want `HTML.html`

Type `HTML` until that template is selected & press ↵/Enter,
or use your ↓ to select it & press ↵/Enter,
or just click on it



product-1

Enter a filename for template HTML.html (Press 'Enter' to confirm or 'Escape' to cancel)

Enter the filename — in this case, **product-1** — & press ↵/Enter (do not add the **.html**, since it's automatically put there for you)

EXPLORER

OPEN EDITORS

FOO

CSS

main.css

foo.html

index.html

products

OUTLINE

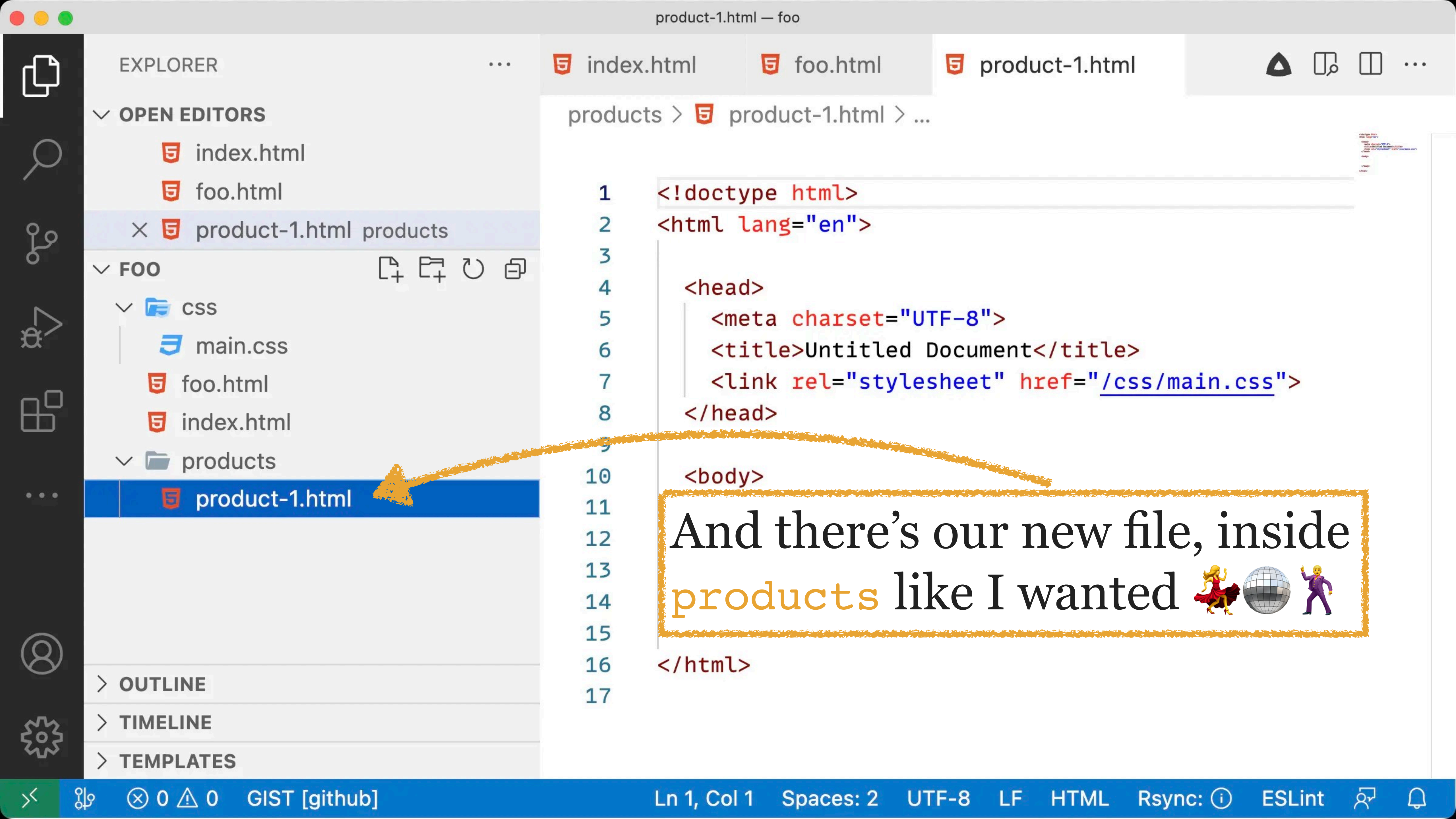
TIMELINE

TEMPLATES

foo

< 0 0 GIST [github]

Rsync: ⓘ ESLint



And there's our new file, inside
products like I wanted 🌐 🧑🏻

Here's how to create a new file inside the *wrong* folder



EXPLORER

▼ OPEN EDITORS

product-1.html products

× foo.html

product-2.html

▼ FOO

▼ CSS

main.css

foo.html

index.html

product-2.html

▼ products

product-1.html



> OUTLINE

> TIMELINE

> TEMPLATES

product-1.html

foo.html

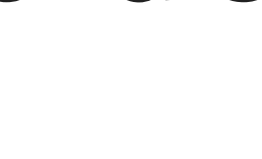
product-2.html



foo.html > html > body

```
1  <!doctype html>
2  <html lang="en">
3
4      <head>
5          <meta charset="UTF-8">
6          <title>Untitled Document</title>
7          <link rel="stylesheet" href="/css/main.css">
8      </head>
9
10     <body>
11
12
```

I want to create another new file inside
products named product-2.html



0 0

GIST [github]

Ln 12, Col 1

Spaces: 2

UTF-8

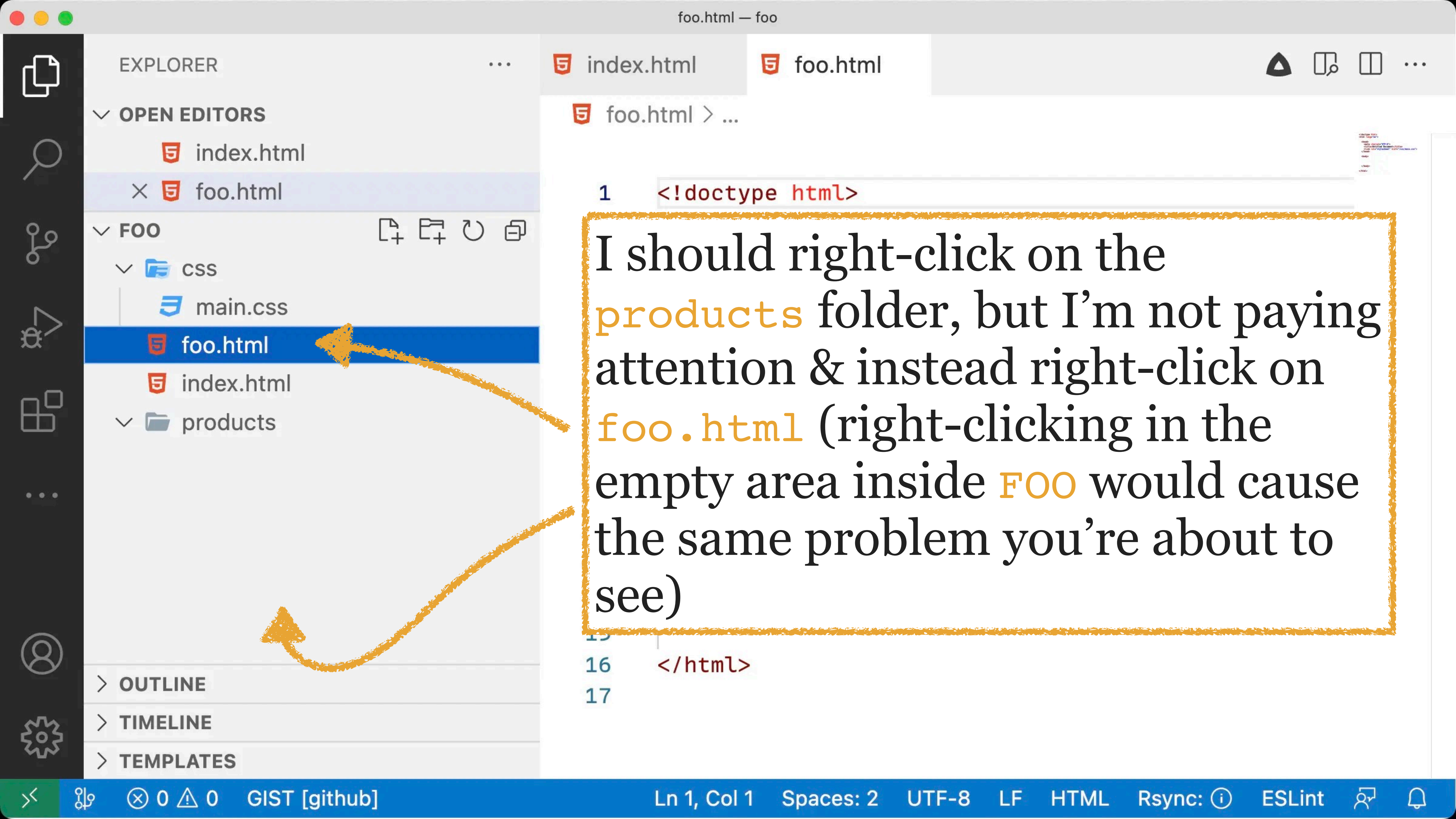
LF

HTML

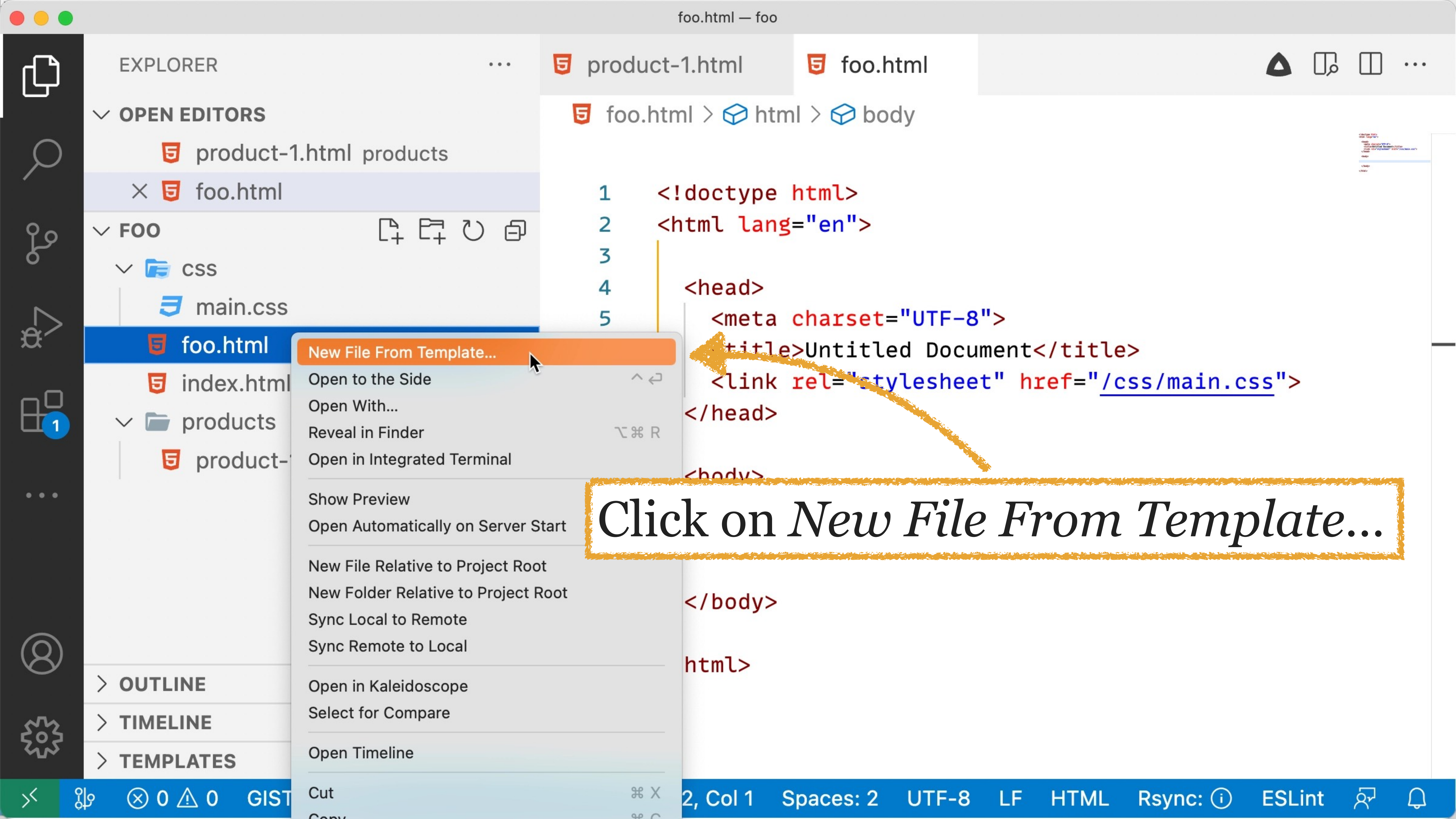
Rsync: ⓘ

ESLint

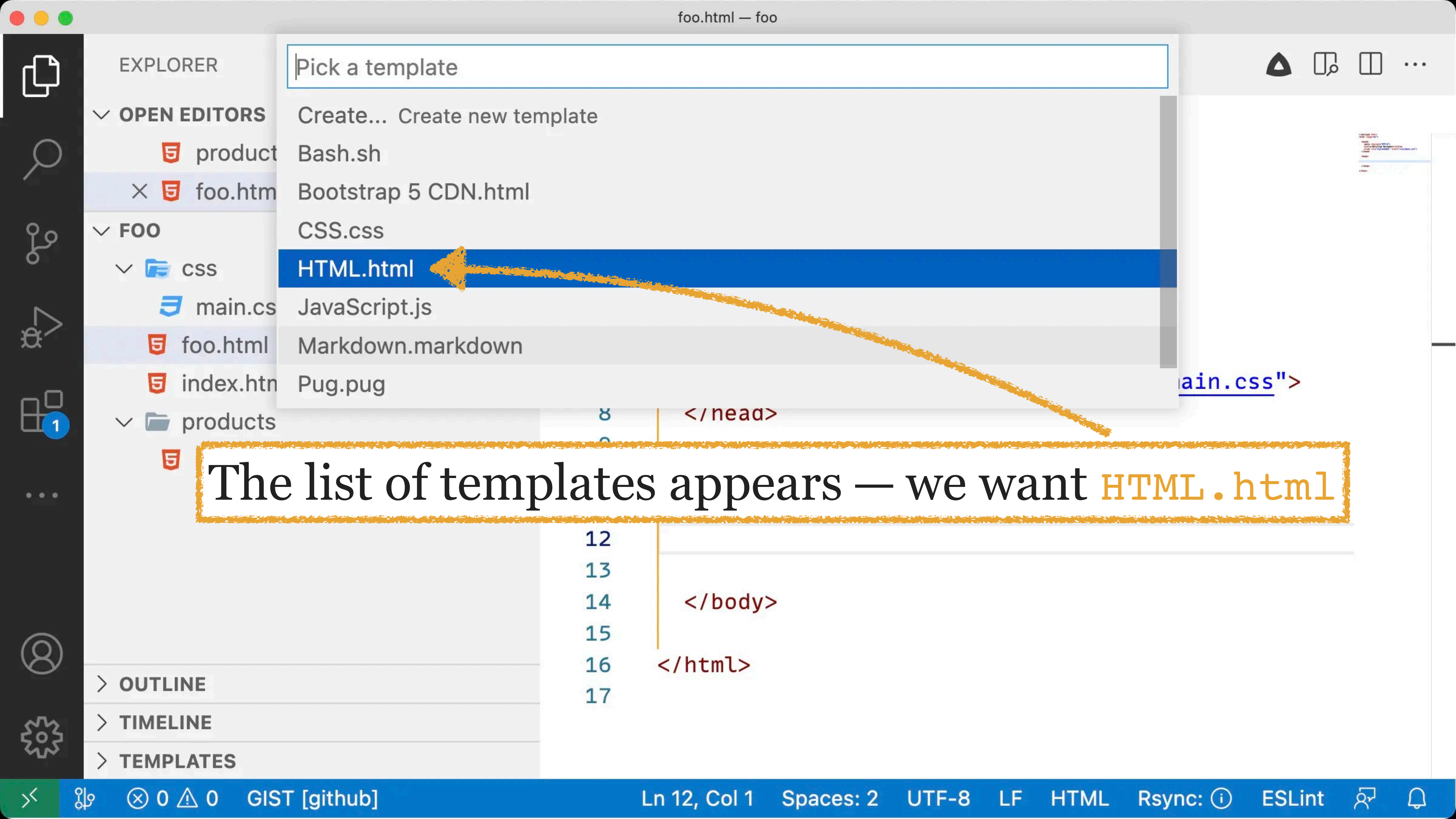




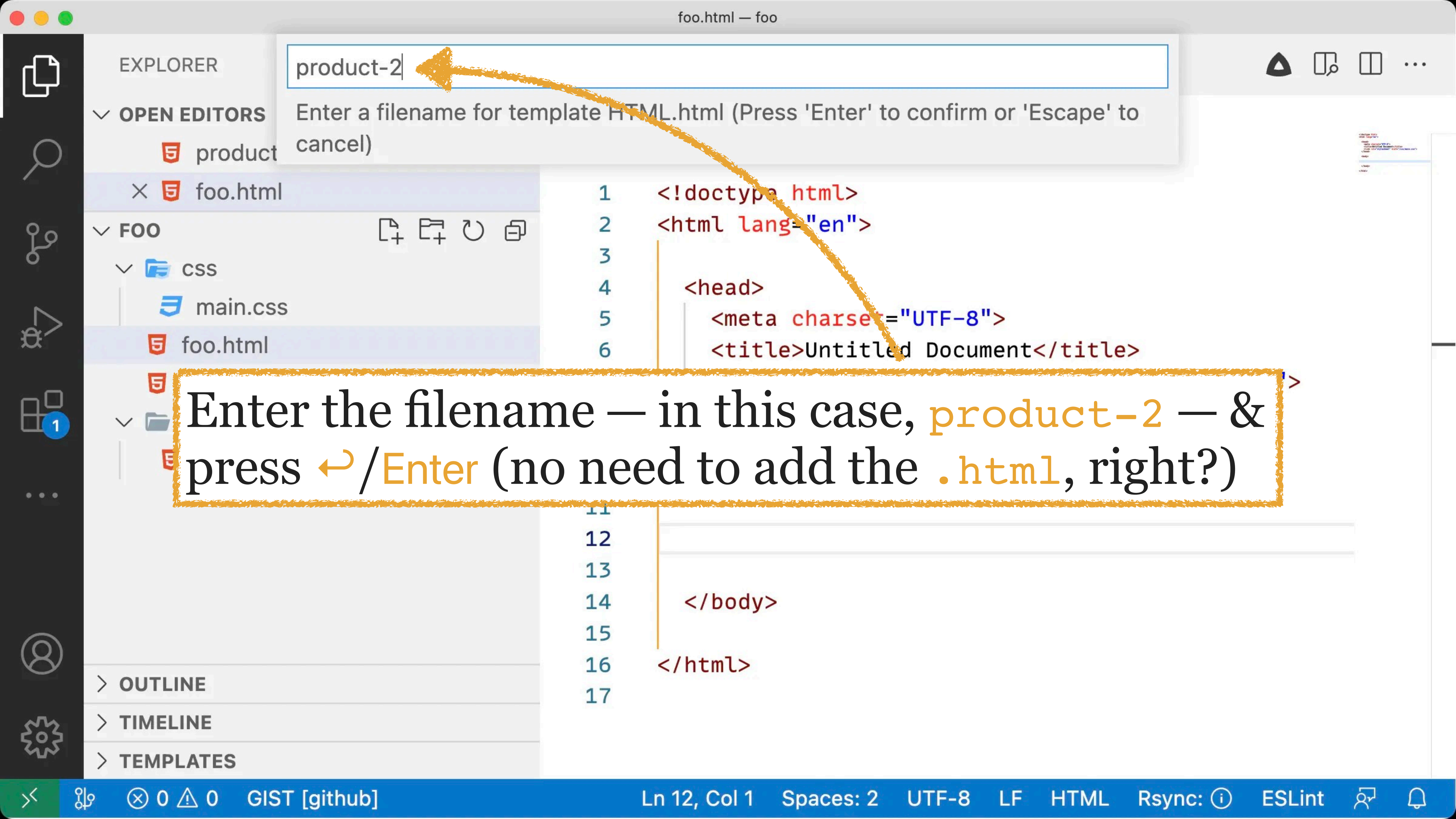
I should right-click on the **products** folder, but I'm not paying attention & instead right-click on **foo.html** (right-clicking in the empty area inside **FOO** would cause the same problem you're about to see)



Click on *New File From Template...*



The list of templates appears — we want **HTML.html**



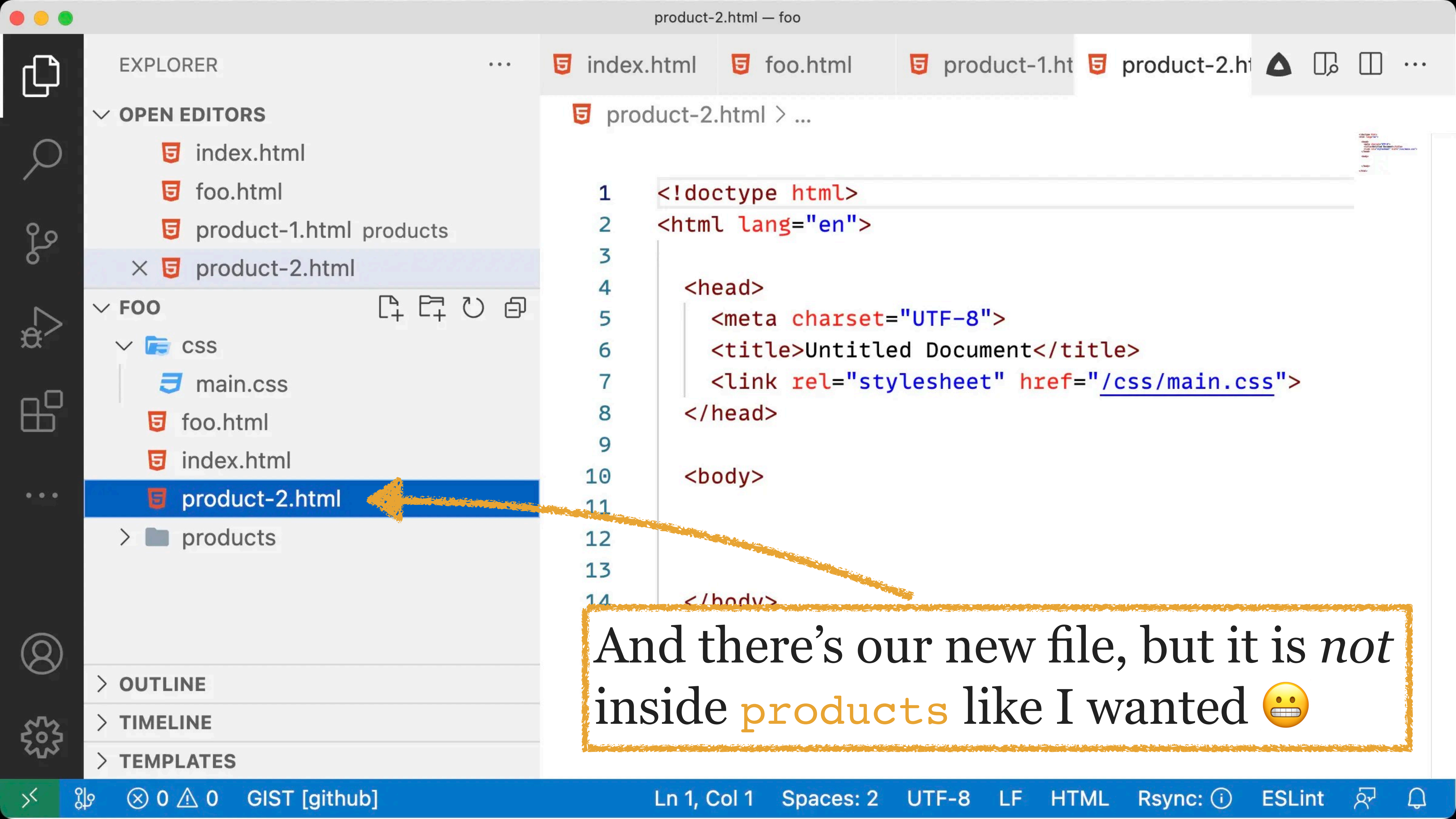
product-2

Enter a filename for template HTML.html (Press 'Enter' to confirm or 'Escape' to cancel)

Enter the filename — in this case, **product-2** — & press ↵/Enter (no need to add the **.html**, right?)

```
1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <title>Untitled Document</title>
```

```
11
12
13
14 </body>
15
16 </html>
17
```

EXPLORER

OPEN EDITORS

index.html

foo.html

product-1.html products

× product-2.html

FOO

css

main.css

foo.html

index.html

product-2.html

> products

> OUTLINE

> TIMELINE

> TEMPLATES

index.html

foo.html

product-1.ht

product-2.h

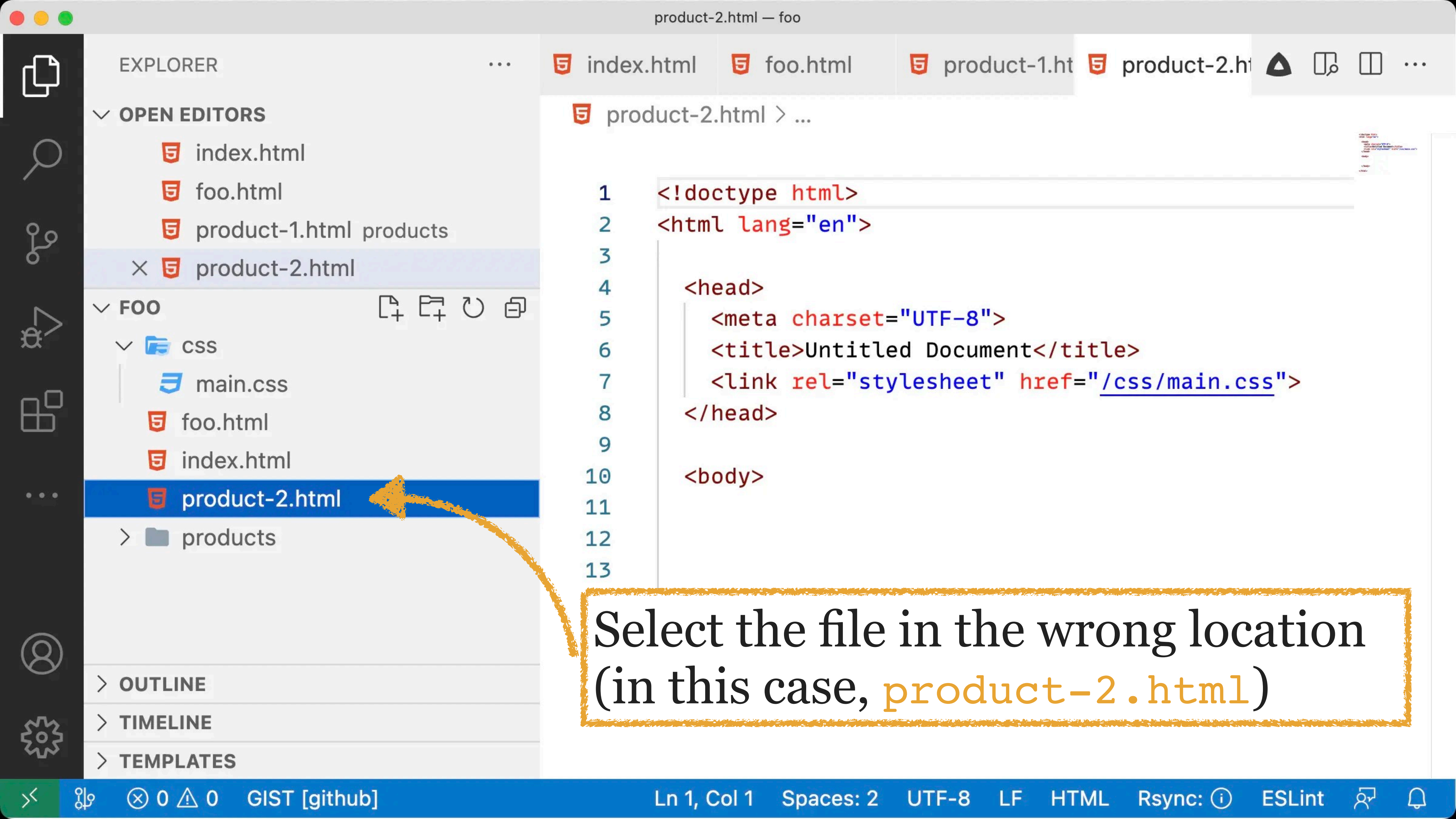
product-2.html > ...

```
1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <title>Untitled Document</title>
7   <link rel="stylesheet" href="/css/main.css">
8 </head>
9
10 <body>
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14 </body>
```

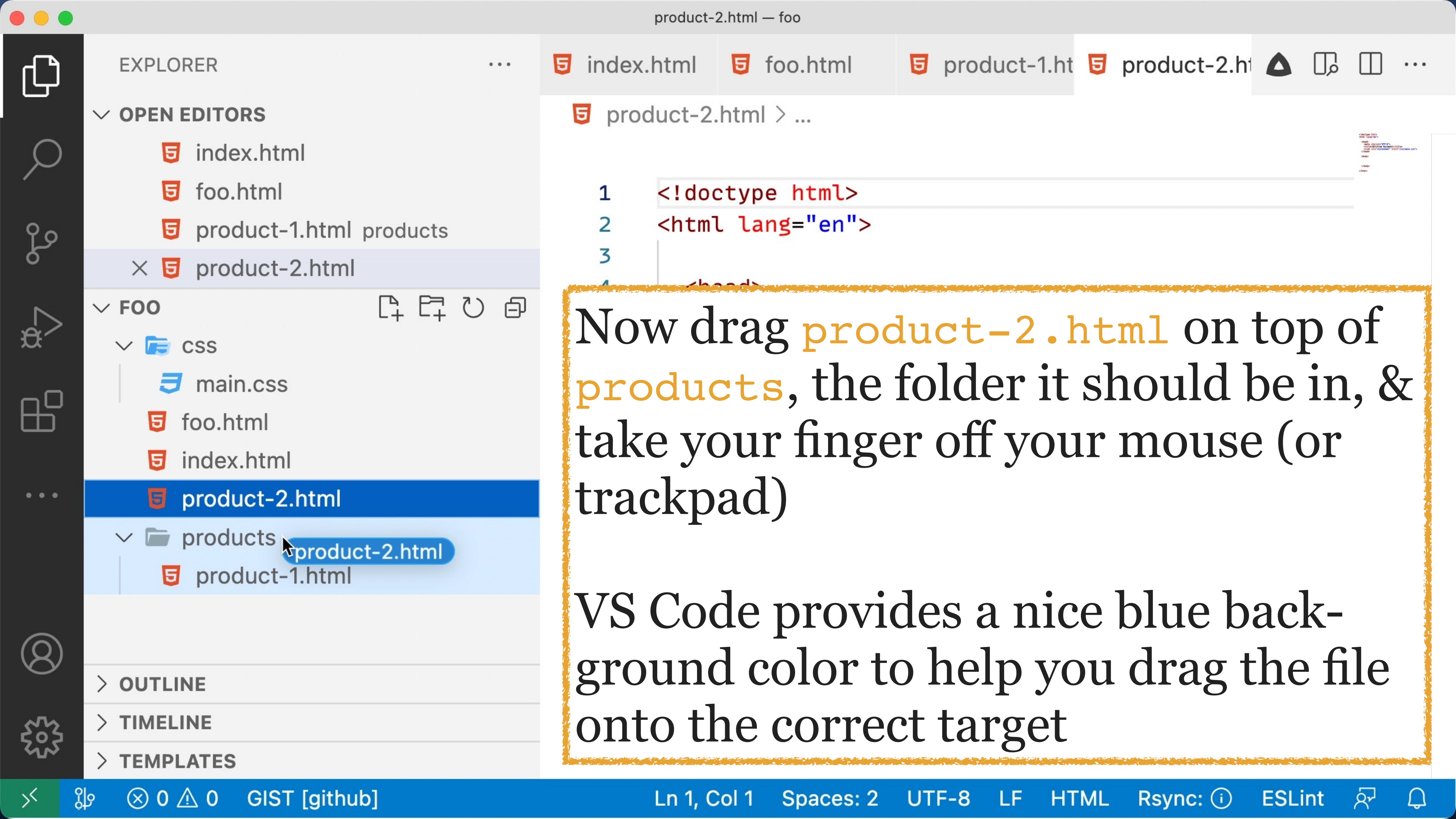
And there's our new file, but it is *not* inside **products** like I wanted 😬

So what if you do make a mistake in where you create a file?

It's an easy fix: drag 'n' drop!

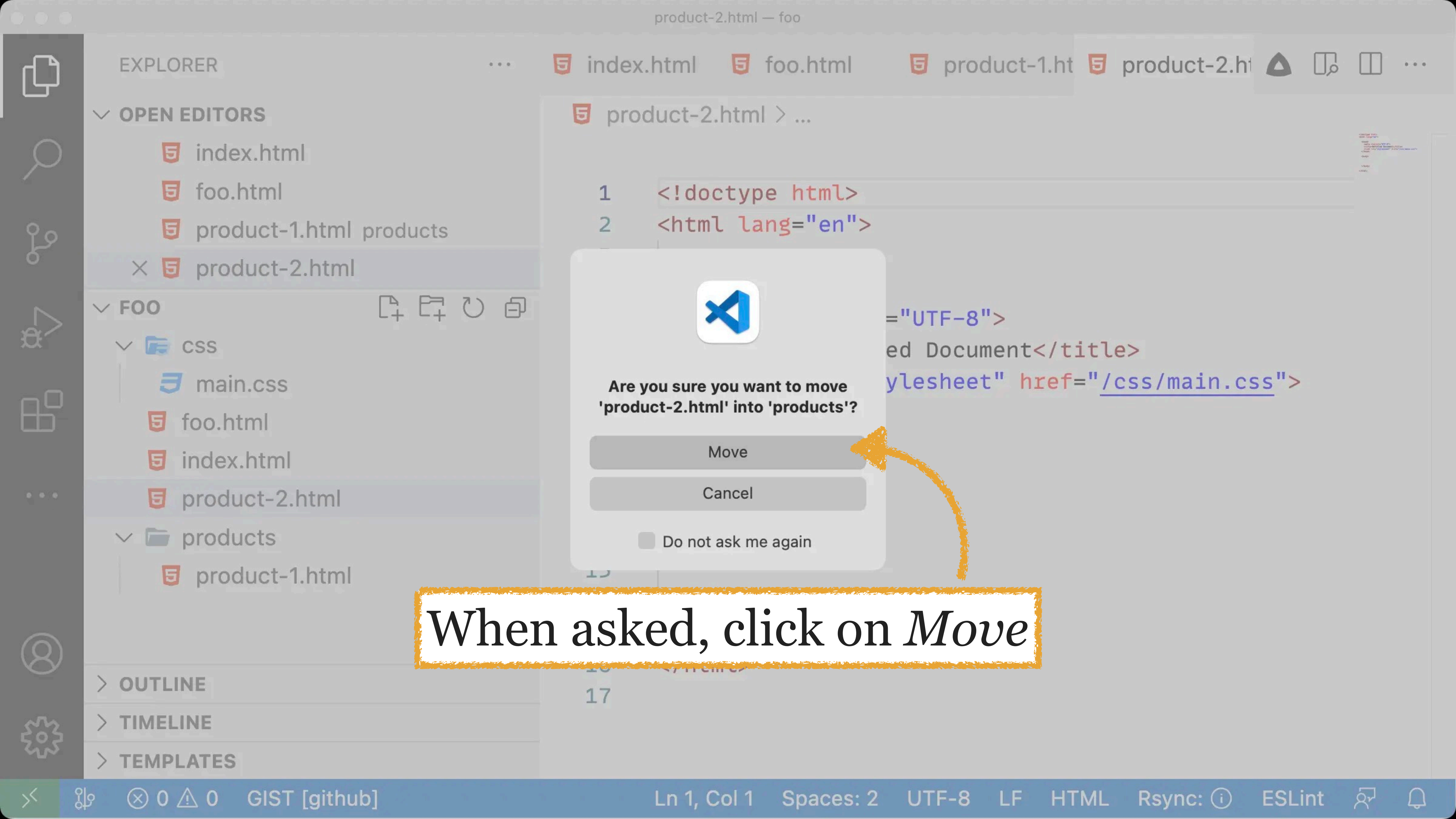


Select the file in the wrong location
(in this case, **product-2.html**)



Now drag `product-2.html` on top of `products`, the folder it should be in, & take your finger off your mouse (or trackpad)

VS Code provides a nice blue back-ground color to help you drag the file onto the correct target



product-2.html > ...

```
1 <!doctype html>
2 <html lang="en">
```

```
= "UTF-8">
ed Document</title>
ylesheet" href="/css/main.css">
```



Are you sure you want to move
'product-2.html' into 'products'?

Move

Cancel

☐ Do not ask me again

When asked, click on *Move*

EXPLORER

OPEN EDITORS

index.html
foo.html
product-1.html products
product-2.html

FOO

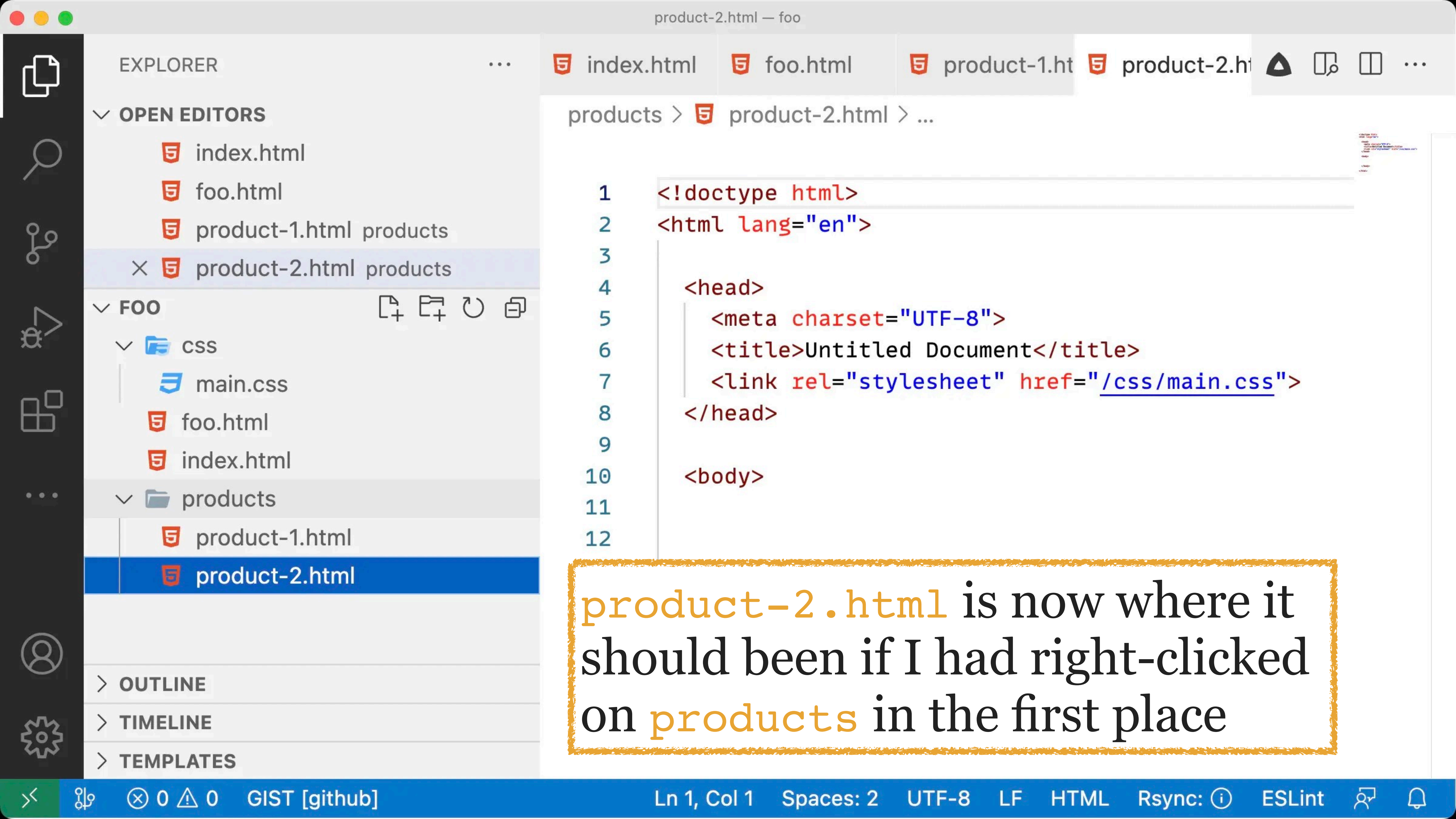
css
main.css
foo.html
index.html
product-2.html
products
product-1.html

OUTLINE

TIMELINE

TEMPLATES

Ln 1, Col 1 Spaces: 2 UTF-8 LF HTML Rsync: ESLint



EXPLORER

OPEN EDITORS

- index.html
- foo.html
- product-1.html products
- product-2.html products

FOO

- css
 - main.css
- foo.html
- index.html

products

- product-1.html
- product-2.html

OUTLINE

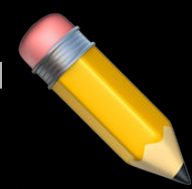
TIMELINE

TEMPLATES

products > product-2.html > ...

```
1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <title>Untitled Document</title>
7   <link rel="stylesheet" href="/css/main.css">
8 </head>
9
10 <body>
11
12
```

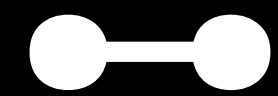
product-2.html is now where it should be if I had right-clicked on products in the first place



SIDE NOTE

For a video about File Templates Manager, see *Visual Studio Code - Extensions - File Templates Manager* at vimeo.com/758916351

Live Preview



Microsoft

View your code live in a browser, as you work on it

Make a change in the code, save it, & the webpage instantly updates in the browser



View your code live in a browser, as you work on it

Make a change in the code, save it, & the webpage instantly updates in the browser

Basically, Live Preview starts a mini Web server on your computer

That mini server lets you interact with your website just like a “real” one (e.g., Apache, Nginx, or IIS) would when you upload your site to the Web*

*Live Preview doesn't do everything Apache, Nginx, or IIS does, which is why I called it a “mini” Web server

If you are on an HTML page, look up in the top right of VS Code's window for this icon:



You must be on an HTML page to see this button!

Click on  to start the local server, which immediately...

- » opens the Terminal panel to run the Live Preview command line program (go ahead & close the panel — it's OK), *and*
- » opens the current HTML page in your default browser

Scott Granneman



Writing Presentations Teaching Web Dev Tech Personal Site Map Search

Home

Scott Granneman is an [author](#), [educator](#), & partner in a Web development company in St. Louis, Missouri. Scott has written seven books, contributed to two, and penned monthly columns for SecurityFocus and *Linux Magazine*. He is an Adjunct Professor at Washington University in St. Louis & Webster University, [teaching courses](#) on technology, security, web development, & the Internet. As a Principal of [WebSanity](#), he plans, develops, and hosts websites for clients in 12 states using an open source, UNIX-based [content management system](#). He has given [presentations](#) all over the United States, and loves speaking to people.

Key Site Links

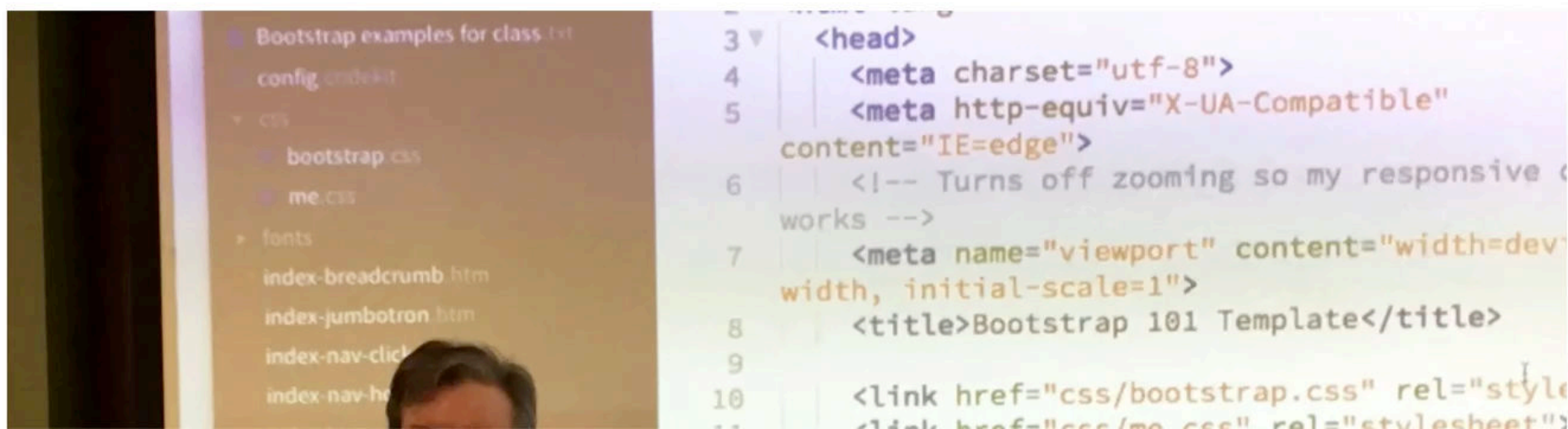
Pages you're probably looking for.

Teaching

- [Web Development Key Links](#)
- WUSTL: [Website Design & Development Syllabus](#)
- Webster U (Communications): [Special Topics in New Media Production: Intro to Web Development Syllabus](#)
- SIUE: [Design & Writing for the World Wide Web](#)

Personal

- [Publications](#)
- [Summer Vacation 2007: The Plains](#)



[Home](#)

Key Site Links

Teaching

- ## Personal

- A split-screen view showing a file explorer on the left and a code editor on the right. The file explorer shows a directory structure for a Bootstrap 101 project, including files like 'index-breadcrumb.html', 'index-jumbotron.html', 'index-nav-click.html', and 'index-nav-hover.html'. The code editor shows the HTML head section of a file named 'index.html', including meta tags for charset and http-equiv, a viewport meta tag, and links to 'css/bootstrap.css' and 'css/me.css'.

tips > index.html > html > body > main > div.p-5.mb-4.bg-white.rounded-bottom

[⏪](#)
[⊗ 0](#)
[⚠ 0](#)
[ℹ 2](#)
[✂ 1](#)
[🔗 Live Share](#)
[⚡ GIST \[github\]](#)
[✅ W3C validation](#)
[📁 Assignments](#)
[> herl](#)

To close the local server...

- » close the browser tab, or
- » press **^C/Ctrl+C** in the terminal open in the Terminal panel



PRO TIP

Leave the Live Preview running in your web browser!

Do not close your web browser tab after looking at the webpage you're working on!

If the webpage is not updating when you save your code, then you can close the tab & click on the Live Preview button again

Projects+



Fabio Spampinato

Manage saved projects

You will now see a 6th icon on the Activity Bar: 

Click it to view your saved projects

Click on a project to switch to that project



PROJECTS: ...



README.md



README.md > abc # GrannePack HTML > abc ## Optional Settings

You, 21 minutes ago | 1 author (You)

1 # GrannePack HTML

2

3

This extension pack of HTML-related extensions is aimed at students in [Scott Granneman's] (<https://www.granneman.com>) beginning Web Development courses. Other extension packs focus on [CSS] (<https://marketplace.visualstudio.com/items?itemName=granneman.grannepack-css>), [Git] (<https://marketplace.visualstudio.com/items?itemName=granneman.grannepack-git>), & [Markdown] (<https://marketplace.visualstudio.com/items?itemName=granneman.grannepack-markdown>).

4

5 ## Extensions

6

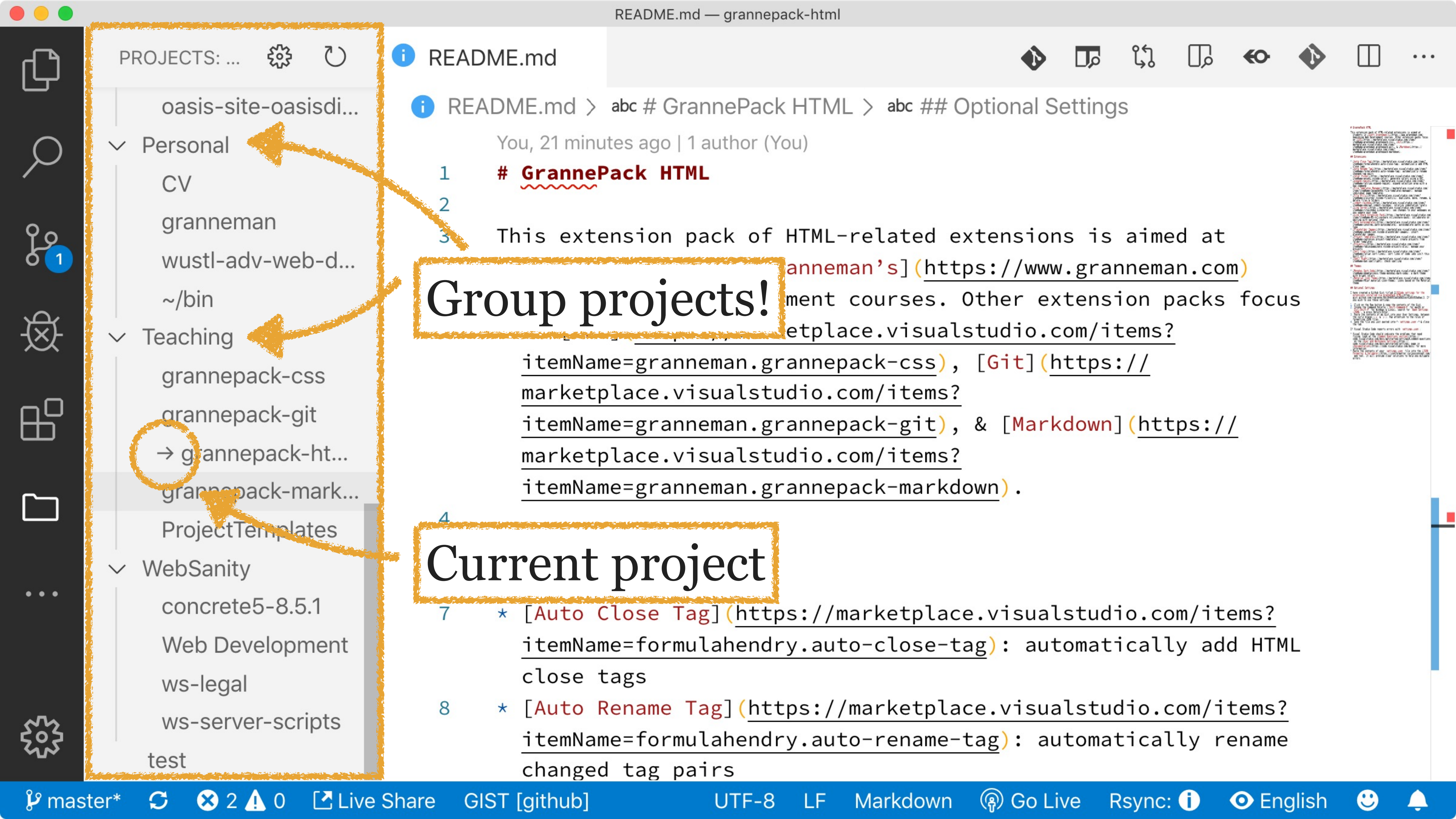
7

* [Auto Close Tag] (<https://marketplace.visualstudio.com/items?itemName=formulahendry.auto-close-tag>): automatically add HTML close tags

8

* [Auto Rename Tag] (<https://marketplace.visualstudio.com/items?itemName=formulahendry.auto-rename-tag>): automatically rename changed tag pairs





Group projects!

Current project

To add a new project, invoke the Command Palette & enter `project save`

Give the project a meaningful name & press Enter

Enter an optional description & press Enter

Enter an optional group (e.g., if you want to group your projects by client or course) & press Enter

Your project now appears in Projects

HTMLHint



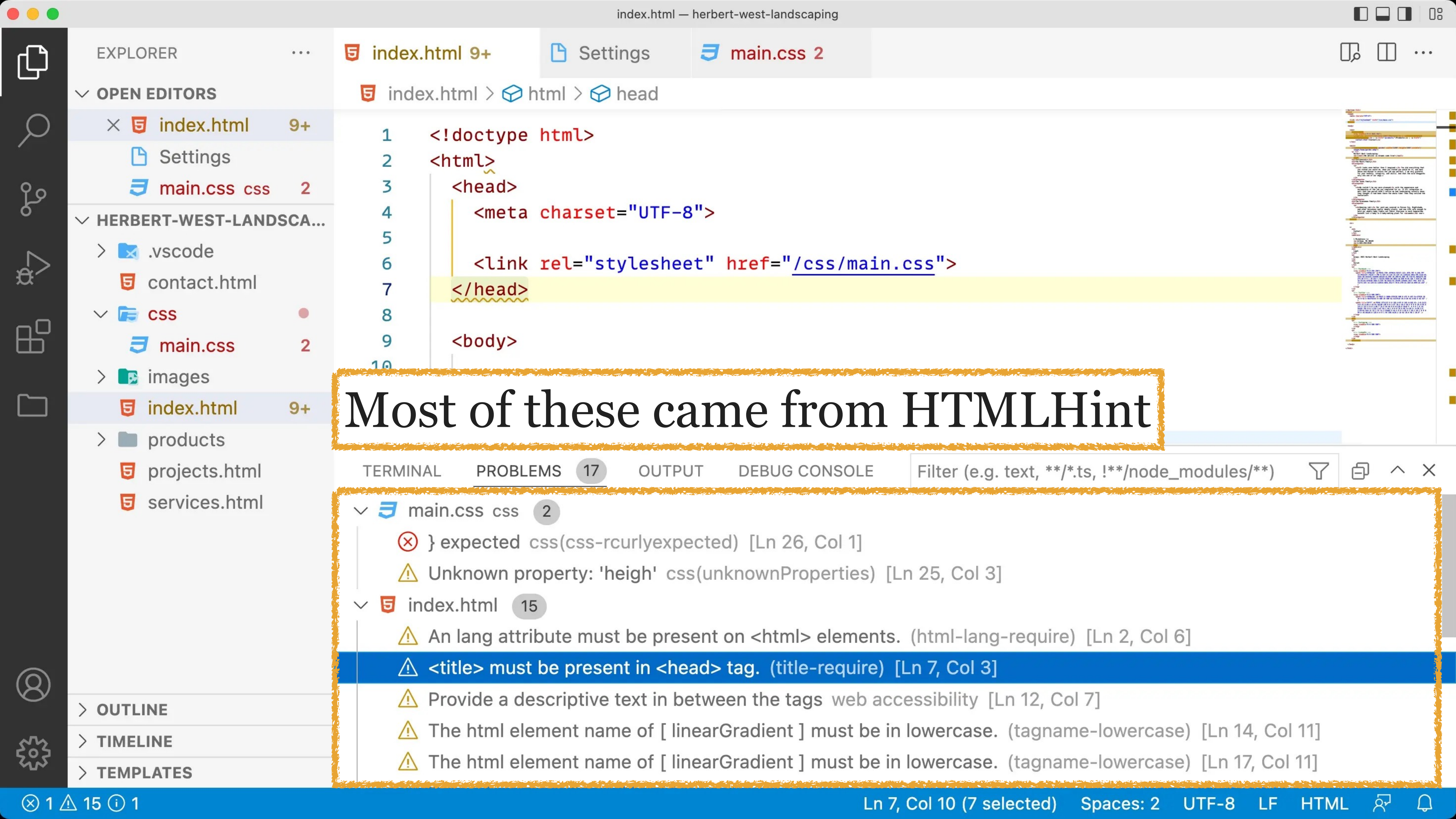
Mike Kaufman

Finds & reports problems in your HTML

Doesn't do anything after you install it unless you set rules in `settings.json`

My `settings.json` has these essential rules in it:

- DTD must be present
- `<html>` must include `lang`
- `<title>` required
- Tags must be lowercase & paired
- No self-closing tags; e.g., `
`
- Attributes must be lowercase & not duplicated
- Values must use double quotes & no extra spaces
- No inline styles
- Cannot repeat `id`
- `alt` required on images



Most of these came from HTMLHint

Colors

Color Picker



anseki

Color Picker lets you generate colors using a GUI

Supports named colors, hexadecimal, RGB/RGBA, & HSL/HSLA

Click in a color & press `⌘C` then `P`/`Alt-C` then `P`

Search Extensions in ...

72

ENABLED 72

A customizable extens...

carbon-now-sh 1.2.0

A Code package to op...

Color Picker 0.4.5

Helper with GUI to gen...

CSS Grid Snipp... 0.0.5

Code snippets for the ...

CSS Peek 3.0.2

Allow peeking to css l...

Dash 2.2.0

Dash 2.2.0

Dash, Zeal and Velocity

6

css >  main.css >  .legal

```
93 .flex-item td {
```

```
94 padding-left: 1em;
```

95 }

96

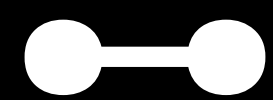
```
97 .legal {
```

```
98 font-size: .8em;
```

```
99 color:  #be3232;
```

100

indent-rainbow



oderwat

indent-rainbow colorizes your indentation levels

EXTENSIONS

Search Extensions in ...

72

ENABLED

A Code package to op...
Eric Adamski

Color Picker 0.4.5
Helper with GUI to gen...
anseki

CSS Grid Snipp... 0.0.5
Code snippets for the ...
ohansemmanuel

CSS Peek 3.0.2
Allow peeking to css l...
Pranay Prakash

Dash 2.2.0
Dash, Zeal and Velocit...
Budi Irawan

Docker 0.8.1

DISABLED 6

index.html

index.html > html > body > main.container > div.row > div.col-xs-12

```
12 <main class="container">
13   <div class="row">
14     <div class="col-xs-12">
15       <h1 class="">Star Wars Character Creator</h1>
16
17       <fieldset>
18         <legend>Name Your Character</legend>
19         <div class="form-group">
20           <!--<h2 class="h3">Name Your Character</h2>-->
21           <form>
22             <input type="text" maxlength="75"
23               class="form-control" placeholder="New Name">
24           </form>
25         </div>
26       </fieldset>
27     </div> <!-- /.row -->
28
29   <div class="row">
30     <div class="col-xs-12">
31       <fieldset>
```


Automation

Placeholder Images



Jake Wilson

Easily insert placeholder images (temporary images while a design is still being finalized)

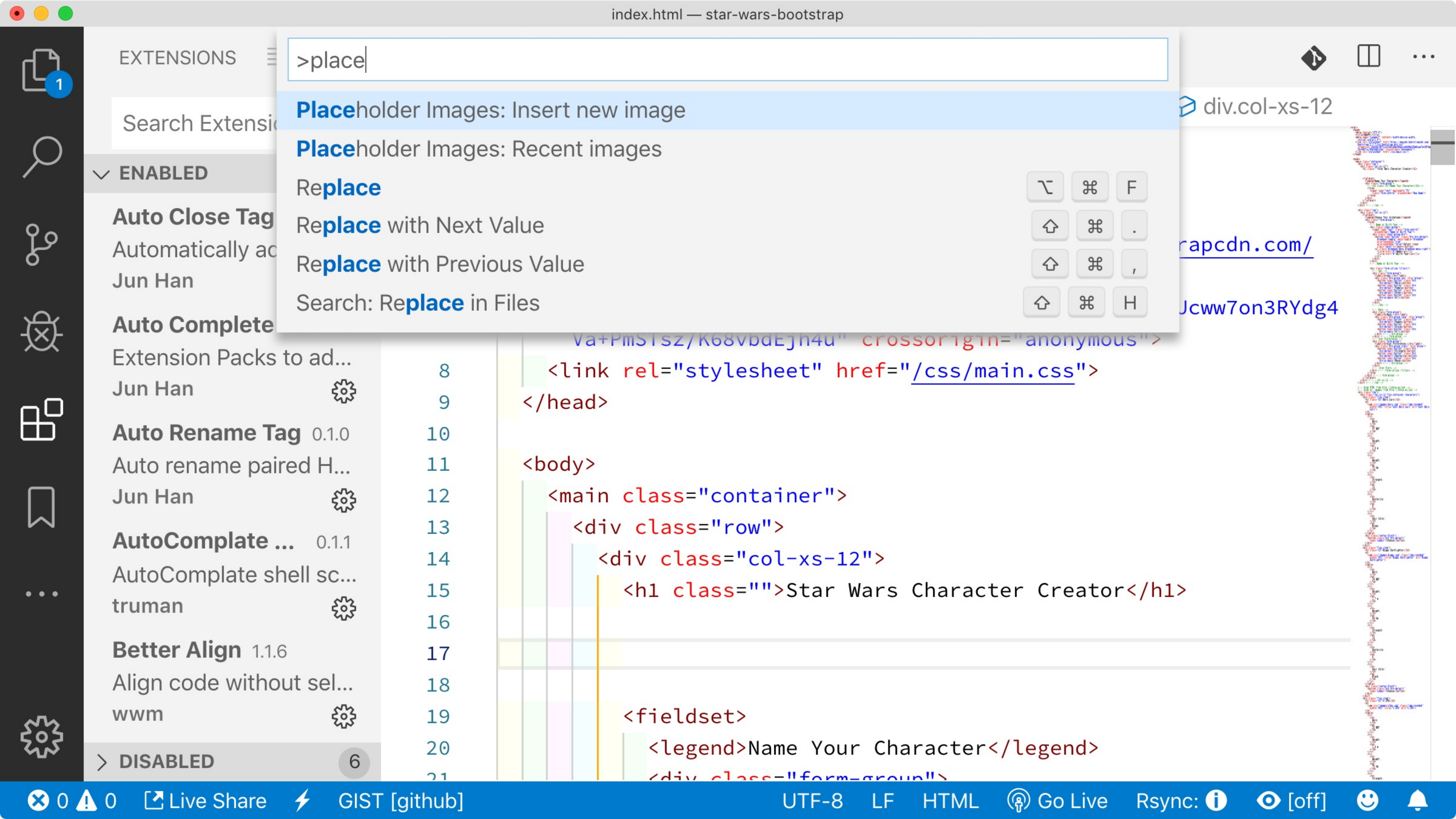
Supports the following services:

- » DummyImage.com
- » Fake Images Please
- » LoremFlickr
- » LoremPixel
- » P ipsum
- » placeholder.it ← Garbage — do not use
- » Placekitten
- » Placeskull
- » Unsplash ★

Invoke the Command Palette, enter in Placeholder, & select Placeholder Images: Insert new image

Select the service you wish to use

Enter the appropriate information



EXTENSIONS

>place|

Search Extensions

✓ ENABLED

Auto Close Tag

Automatically add closing tags

Jun Han

Auto Complete

Extension Packs to add

Jun Han

Auto Rename Tag 0.1.0

Auto rename paired HTML tags

Jun Han

AutoComplete ... 0.1.1

AutoComplete shell script

truman

Better Align 1.1.6

Align code without selection

wwm

> DISABLED

Placeholder Images: Insert new image

Placeholder Images: Recent images

Replace

Replace with Next Value

Replace with Previous Value

Search: Replace in Files

⌘ ⌘ F

⬆ ⌘ .

⬆ ⌘ ,

⬆ ⌘ H

Va+PmSIsz/K68vbdEjh4u" crossorigin="anonymous">

<link rel="stylesheet" href="/css/main.css">

</head>

<body>

<main class="container">

<div class="row">

<div class="col-xs-12">

<h1 class="">Star Wars Character Creator</h1>

<fieldset>

<legend>Name Your Character</legend>

<div class="form-group">

div.col-xs-12

rapcdn.com/

Jcww7on3RYdg4



EXTENSIONS

Search Extensions

ENABLED

Auto Close Tag

Automatically add closing tags for HTML and XML

Jun Han

Auto Complete

Extension Packs

Jun Han

Auto Rename Tag

Auto rename paired HTML or XML tags

Jun Han

AutoComplate ...

AutoComplate shell scripts

truman

Better Align

Align code without selection

wwm

DISABLED

Choose a Placeholder Image service

DummyImage

<http://dummyimage.com>

Fake Images Please

<http://fakeimg.pl>

LoremFlickr

<http://loremflickr.com>

LoremPixel

<http://loempixel.com>

Pipsum

<http://pipsum.com>

placeholder.it

<https://placeholder.it>

placekitten

<http://placekitten.com>

placeskull

<http://placeskull.com>

unsplash.it

<http://unsplash.it>

```
11 <body>
12   <main class="container">
13     <div class="row">
14       <div class="col-xs-12">
15         <h1 class="">Star Wars Character Creator</h1>
16
17
18
19       <fieldset>
20         <legend>Name Your Character</legend>
21         <div class="form-group">
```

div.col-xs-12

rapcdn.com/

Jcww7on3RYdg4



EXTENSIONS

Search Extensions

72

Auto Close Tag 0.5.6
Automatically add HT...
Jun Han

Auto Complete ... 0.1.0
Extension Packs to ad...
Jun Han

Auto Rename Tag 0.1.0
Auto rename paired H...
Jun Han

AutoComplate ... 0.1.1
AutoComplate shell sc...
truman

Better Align 1.1.6
Align code without sel...
wwm

6

Width

Press 'Enter' to confirm your input or 'Escape' to cancel

```
5 <title>SWAPP</title>
6 <meta name="viewport" content="width=device-width,
  initial-scale=1.0">
7 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/
  bootstrap/3.3.7/css/bootstrap.min.css"
  integrity="sha384-BVYiISIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4
  Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
8 <link rel="stylesheet" href="/css/main.css">
9 </head>
10
11 <body>
12   <main class="container">
13     <div class="row">
14       <div class="col-xs-12">
15         <h1 class="">Star Wars Character Creator</h1>
16
17
18
19       <fieldset>
20         <legend>Name Your Character</legend>
21         <div class="form-group">
```

div.col-xs-12



EXTENSIONS

Search Extensions

72

Auto Close Tag 0.5.6

Automatically add HT...

Jun Han

Auto Complete ... 0.1.0

Extension Packs to ad...

Jun Han

Auto Rename Tag 0.1.0

Auto rename paired H...

Jun Han

AutoComplate ... 0.1.1

AutoComplate shell sc...

truman

Better Align 1.1.6

Align code without sel...

wwm

6

Height (optional)

Press 'Enter' to confirm your input or 'Escape' to cancel

```
8 <link rel="stylesheet" href="/css/main.css">
9 </head>
10
11 <body>
12   <main class="container">
13     <div class="row">
14       <div class="col-xs-12">
15         <h1 class="">Star Wars Character Creator</h1>
16
17
18
19       <fieldset>
20         <legend>Name Your Character</legend>
21         <div class="form-group">
22           <!--<h2 class="h3">Name Your Character</h2>-->
23           <form>
24             <input type="text" maxlength="75"
```




EXTENSIONS

Search Extensions

ENABLED

Auto Close Tag 0.5.6
Automatically add HT...
Jun Han

Auto Complete ... 0.1.0
Extension Packs to ad...
Jun Han

Auto Rename Tag 0.1.0
Auto rename paired H...
Jun Han

AutoComplate ... 0.1.1
AutoComplate shell sc...
truman

Better Align 1.1.6
Align code without sel...
wwm

DISABLED

Random Image?

Yes

No

div.col-xs-12

7

8

9

10

11

12

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14

15

16

17

18

19

20

21

```
    initial-scale=1.0">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/
bootstrap/3.3.7/css/bootstrap.min.css"
integrity="sha384-BVYiISIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4
Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
<link rel="stylesheet" href="/css/main.css">
</head>

<body>
  <main class="container">
    <div class="row">
      <div class="col-xs-12">
        <h1 class="">Star Wars Character Creator</h1>

<fieldset>
  <legend>Name Your Character</legend>
  <div class="form-group">
```




...



0

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14

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16

17

18

19

20

21

```
<div class="form-group">
```

Follow link (option + click)



EXTENSIONS

Search Extensions

ENABLED

Auto Close Tag

Automatically add closing tags

Jun Han

Auto Complete

Extension Packs to add

Jun Han

Auto Rename Tag

0.1.0

Auto rename paired HTML tags

Jun Han

AutoComplate ...

0.1.1

AutoComplate shell script

truman

Better Align

1.1.6

Align code without selection

wwm

DISABLED

Crop Gravity (optional)

Center

North

East

South

West

None

```
8      <link rel="stylesheet" href="/css/main.css">
9    </head>
10
11    <body>
12      <main class="container">
13        <div class="row">
14          <div class="col-xs-12">
15            <h1 class="">Star Wars Character Creator</h1>
16
17
18
19          <fieldset>
20            <legend>Name Your Character</legend>
21            <div class="form-group">
```

div.col-xs-12

rapcdn.com/

Jcww7on3RYdg4



EXTENSIONS

Search Extensions

ENABLED

Auto Close Tag

Automatically add closing tags
Jun Han

Auto Complete ... 0.1.0

Extension Packs to add
Jun Han

Auto Rename Tag 0.1.0

Auto rename paired HTML tags
Jun Han

AutoComplate ... 0.1.1

AutoComplate shell scripts
truman

Better Align 1.1.6

Align code without selection
wwm

DISABLED

http://unsplash.it/800/600?random&gravity=center

: Insert into document

: Copy to clipboard

URL: Insert into document

URL: Copy to clipboard

URL: Open in browser

integrity="sha384-BVYiISIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4

Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

<link rel="stylesheet" href="/css/main.css">

</head>

<body>

<main class="container">

<div class="row">

<div class="col-xs-12">

<h1 class="">Star Wars Character Creator</h1>

<fieldset>

<legend>Name Your Character</legend>

<div class="form-group">

div.col-xs-12

rapcdn.com/

EXTENSIONS

Search Extensions in ...

ENABLED 72

Auto Close Tag 0.5.6

Automatically add HT...

Jun Han

Auto Complete ... 0.1.0

Extension Packs to ad...

Jun Han

Auto Rename Tag 0.1.0

Auto rename paired H...

Jun Han

AutoComplate ... 0.1.1

AutoComplate shell sc...

truman

Better Align 1.1.6

Align code without sel...

wwm

DISABLED 6

index.html

index.html > html > body > main.container > div.row > div.col-xs-12 > img

```
5 <title>SWAPP</title>
6 <meta name="viewport" content="width=device-width,
  initial-scale=1.0">
7 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/
  bootstrap/3.3.7/css/bootstrap.min.css"
  integrity="sha384-BVYiISIFeK1dGmJRAkycuHAHRg320mUcww7on3RYdg4
  Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
8 <link rel="stylesheet" href="/css/main.css">
9 </head>
10
11 <body>
12   <main class="container">
13     <div class="row">
14       <div class="col-xs-12">
15         <h1 class="">Star Wars Character Creator</h1>
16
17         
18
19         <fieldset>
20           <legend>Name Your Character</legend>
```


GrannePack HTML installs the following themes:

- » Monokai Dark Soda
- » Material Icon Theme

Themes

Personalize the way VS Code looks with a *color theme*,
which changes the colors of everything in VS Code



EXPLORER

OPEN EDITORS

index.html

OASIS-STAR-WARS-BOOTSTRAP

css

bootstrap-theme.css

bootstrap.css

main.css

fonts

glyphicons-halflings-regul...

glyphicons-halflings-regul...

glyphicons-halflings-regul...

glyphicons-halflings-regul...

glyphicons-halflings-regul...

images

js

bootstrap.js

jquery.js

main.js

npm.js

config.codekit

config.codekit3

index.html

MARK JUMP

index.html

```
1 <!doctype html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5     <title>SWAPP</title>
6     <meta name="viewport" content="width=device-width, initial-s
7     <link rel="stylesheet" href="css/bootstrap.css" media="scre
8     <link rel="stylesheet" href="css/main.css">
9   </head>
10  <body>
11    <main class="container">
12      <div class="row">
13        <div class="col-xs-12">
14          <h1>Star Wars Character Creator</h1>
15          <fieldset>
16            <legend>Name Your Character</legend>
17            <div class="form-group">
18              <!--<h2 class="h3">Name Your Character</h2>-->
19              <form>
20                <input type="text" maxlength="75" class="form-co
                  placeholder="New Name">
```

```
1 <!--<h2 class="h3">Name Your Character</h2>-->
2 <form>
3   <input type="text" maxlength="75" class="form-control" placeholder="New Name">
4 </form>
5 </div>
6 </fieldset>
7 </div>
8 </main>
9 </body>
10 </html>
```


VS Code comes with several color themes pre-installed:

Abyss • Dark+ (default dark) • Kimbie Dark • High Contrast • Light+ (default light) • Monokai Dimmed • Monokai • Quiet Light • Red • Solarized Dark • Solarized Light • Tomorrow Night Blue

I included Monokai Dark Soda in GrannePack HTML

You can pick your own

Go to Extensions View & search for **color theme**

Click on a theme that interests you

You should see a screenshot on the right to help you decide if you want to check out the theme

No screenshot? Forget it!

I suggest starting with these, as they are widely supported by almost all code editors:

- » `Solarized` (light or dark)
- » `Soda` (weirdly, there aren't any light Soda themes, but `Espresso Soda` by Daur Gamisonia works)
- » `Monokai` (I like `Monokai Dark Soda` by Adam Caviness, as it combines the best of Monokai & Dark Soda)
- » `Material`
- » `GitHub`
- » `Dracula`

When you find a theme you like, click 

After it installs, click 








🍏: Code > Preferences > Color Theme

⌘: File > Preferences > Color Theme

The Command Palette will open showing all your themes

Select the one you installed & press ↵/Enter to enable it

A file icon theme puts little icons to the left of your files
when you are in Explorer View



EXPLORER

OPEN EDITORS

index.html

OASIS-STAR-WARS-BOOTSTRAP

css

bootstrap-theme.css

bootstrap.css

main.css

fonts

glyphicons-halflings-regul...

glyphicons-halflings-regul...

glyphicons-halflings-regul...

glyphicons-halflings-regul...

glyphicons-halflings-regul...

images

js

bootstrap.js

jquery.js

main.js

npm.js

config.codekit

config.codekit3

index.html

MARK JUMP

index.html

1 <!doctype html>

2 <html>

3 <head>

4 <meta charset="UTF-8">

5 <title>SWAPP</title>

6 <meta name="viewport" content="width=device-width, initial-s<

7 <link rel="stylesheet" href="css/bootstrap.css" media="scre<

8 <link rel="stylesheet" href="css/main.css">

9 </head>

10 <body>

11 <main class="container">

12 <div class="row">

13 <div class="col-xs-12">

14 <h1>Star Wars Character Creator</h1>

15 <fieldset>

16 <legend>Name Your Character</legend>

17 <div class="form-group">

18 <!--<h2 class="h3">Name Your Character</h2>-->

19 <form>

20 <input type="text" maxlength="75" class="form-co<

placeholder="New Name">

0 0 3 3

GIST [github]

⚡

No project

Go Live

Ln 1, Col 1

Spaces: 2

UTF-8

LF

HTML

Rsync: ⓘ

🌟

🔔

VS Code comes with 1 icon theme pre-installed: Seti

I included Material Icon Theme in GrannePack HTML

Install

Install

Install

Nomo Dark Icon Theme



pkief.material-icon-them

Repos

Material Design Icons for Visual Studio Code



























































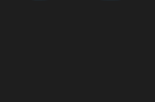






This extension is enabled

Changelog

Material Icon Theme

build passing

The Material Icon Theme provides lots of icons based on Material Design for Visual Studio Code.

	Autoit		Fastlane		Kotlin		Prisma		Test-jsx
	Azure		Favicon		Laravel		Processing		Test-ts
	Azure-pipelines		Firebase		Less		Protractor		Tex
	Babel		Flash		Lib		Pug		Travis
	Ballerina		Flow		Livescript		Puppet		Tune
	Bazel		Font		Lock		Purescript		Twig
	Bitbucket		Foxpro		Log		Python		Typescript
	Bithound		Fsharp		Lua		Python-misc		Typescript-def
	Blink		Fusebox		Makefile		R		Url
	Bower		Gatsby		Markdown		Racket		Vagrant
	Browserlist		Gemfile		Markojs		Raml		Velocity
	Bucklescript		Git		Mathematica		Razor		Verilog
	Buildkite		Gitlab		Matlab		React		Vfl

You can pick your own

Go to Extensions View & search for **icon theme**

Click on a theme that interests you

You should see a screenshot on the right to help you decide if you want to check out the theme

No screenshot? Forget it!

I suggest starting with these:

- » `Material Icon Theme` by Philipp Kief ← what I use
- » `vscode-icons` by Roberto Huertas
- » `VSCoDe Great Icons` by Emmanuel Béziat

When you find a theme you like, click 

After it installs, click 

🍏: Code > Preferences > File Icon Theme

⌘: File > Preferences > File Icon Theme

The Command Palette will open showing all your themes

Select the one you installed & press ↵/Enter to enable it



GrannePack CSS

granneman | 2,150 installs | ★★★★★ (0) | Free

CSS-related extensions for Scott Granneman's Web Dev courses

[Install](#)[Trouble Installing?](#)

marketplace.visualstudio.com

[Overview](#) [Version History](#) [Q & A](#) [Rating & Review](#)

GrannePack CSS

This extension pack of CSS-related extensions is aimed at students in [Scott Granneman's](#) beginning & advanced Web Development courses. Other extension packs focus on [HTML](#), [Git](#), & [Markdown](#).

Extensions

- [IntelliSense for CSS class names in HTML](#): class attribute completion, even for remote files
- [Live Sass Compiler](#): automatically compile Sass to CSS
- [npm](#): NPM support used in advanced CSS courses
- [Style formatter](#): formatter for CSS, Less, & Sass

Categories

Extension Packs

Tags

css

grannepack

Works with

Universal, Web

Resources

[Issues](#)

[Repository](#)

[Homepage](#)

CSS Flexbox Cheatsheet Live Sass Compiler

IntelliSense for CSS class names in HTML

Extensions installed by GrannePack CSS

IntelliSense for CSS class names



Zignd

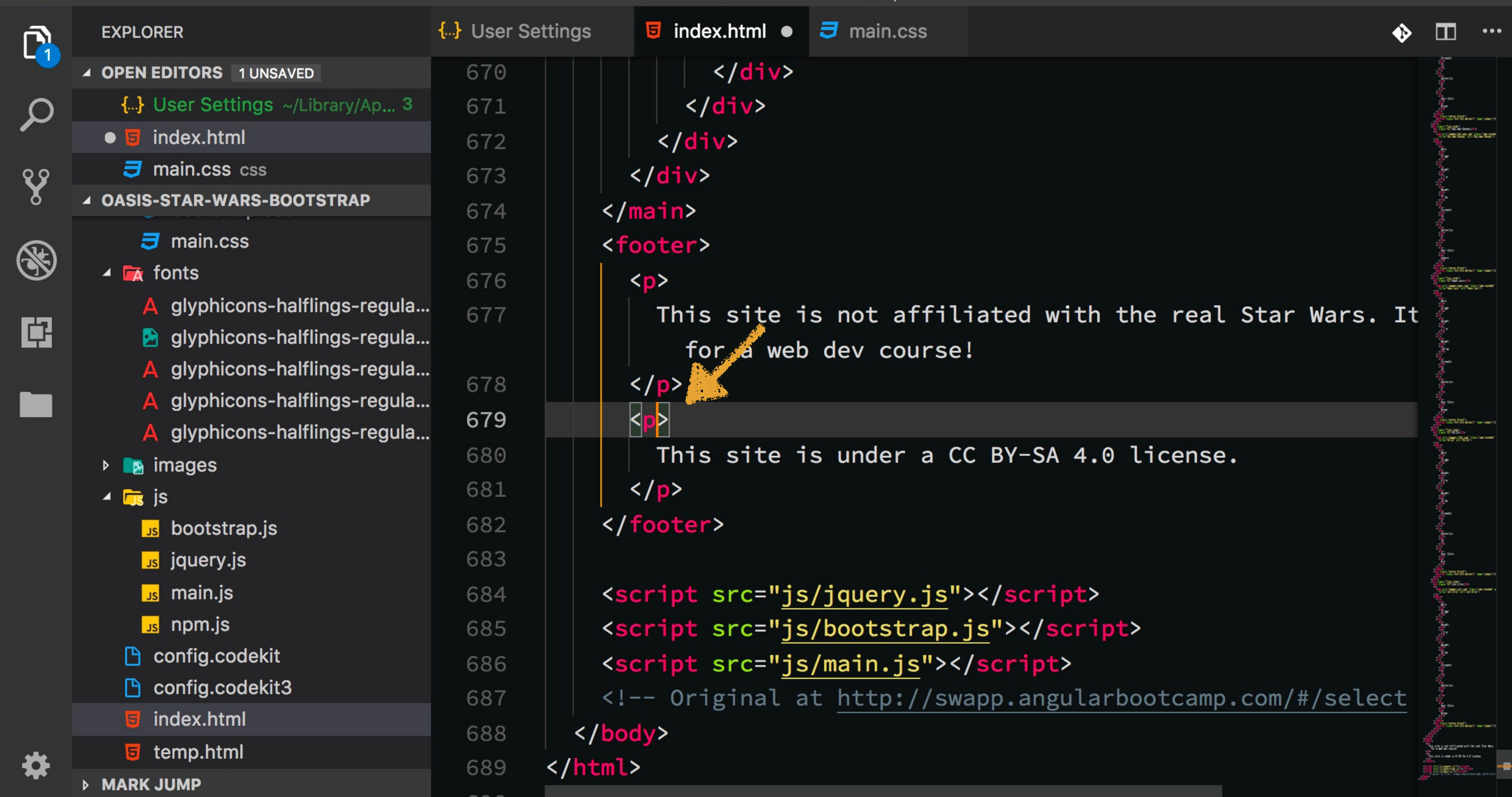
Autocomplete CSS classes in your HTML as you type

Go to the *Extensions View* & install IntelliSense for CSS class names by Zignd

As you type `class=`, a list of class names will appear from your local CSS files & any remote ones you've linked to

As you continue to type — e.g., `class="le` — the list will narrow down

Select the correct match & press ↵/`Enter` to autocomplete the class name



EXPLORER

1 OPEN EDITORS 1 UNSAVED

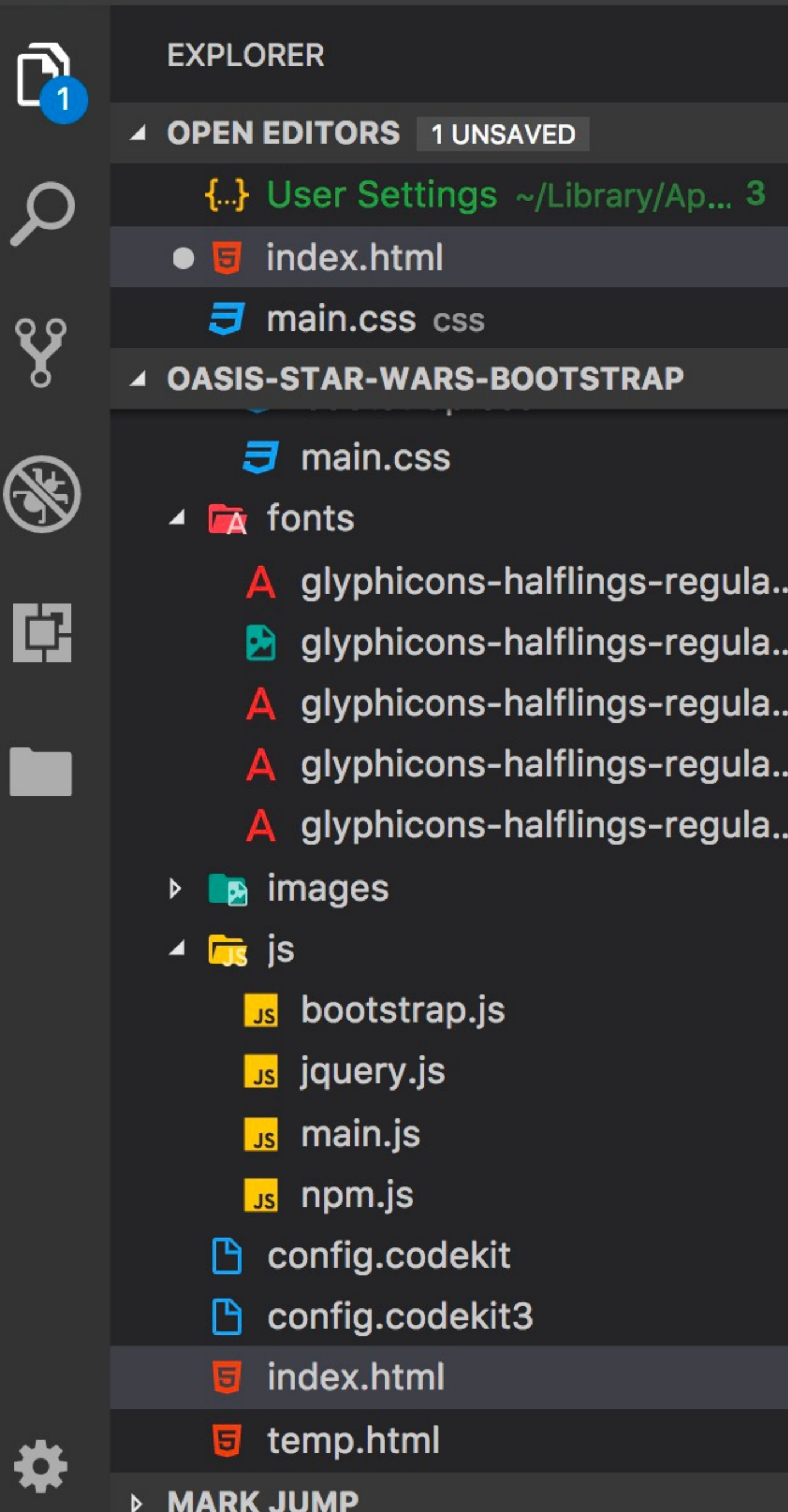
- User Settings ~/Library/Ap... 3
- index.html
- main.css css

OASIS-STAR-WARS-BOOTSTRAP

- main.css
- fonts
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
- images
- js
 - bootstrap.js
 - jquery.js
 - main.js
 - npm.js
- config.codekit
- config.codekit3
- index.html
- temp.html

MARK JUMP

```
670     </div>
671     </div>
672   </div>
673 </div>
674 </main>
675 <footer>
676   <p>
677     This site is not affiliated with the real Star Wars. It
678     for a web dev course!
679   <p>
680     This site is under a CC BY-SA 4.0 license.
681   </p>
682 </footer>
683
684 <script src="js/jquery.js"></script>
685 <script src="js/bootstrap.js"></script>
686 <script src="js/main.js"></script>
687 <!-- Original at http://swapp.angularbootcamp.com/#/select
688 </body>
689 </html>
```

EXPLORER

1 OPEN EDITORS 1 UNSAVED

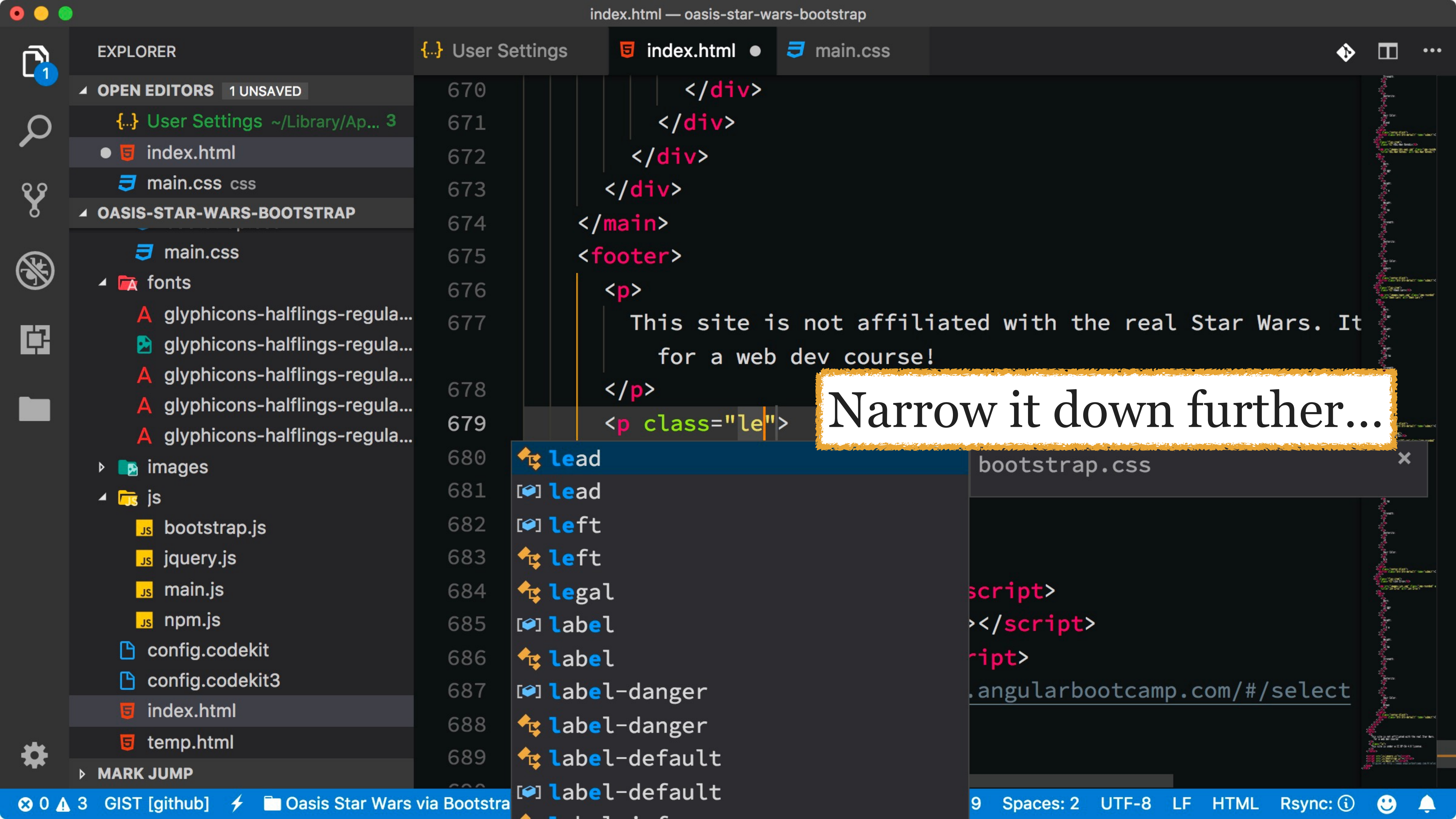
- User Settings ~/Library/Ap... 3
- index.html
- main.css css

OASIS-STAR-WARS-BOOTSTRAP

- main.css
- fonts
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
- images
- js
 - bootstrap.js
 - jquery.js
 - main.js
 - npm.js
- config.codekit
- config.codekit3
- index.html
- temp.html

MARK JUMP

```
670         </div>
671     </div>
672 </div>
673 </div>
674 </main>
675 <footer>
676     <p>
677         This site is not affiliated with the real Star Wars. It
678         for a web dev course!
679     <p class="">
680         This site is under a CC BY-SA 4.0 license.
681     </p>
682 </footer>
683
684 <script src="js/jquery.js"></script>
685 <script src="js/bootstrap.js"></script>
686 <script src="js/main.js"></script>
687 <!-- Original at http://swapp.angularbootcamp.com/#/select
688 </body>
689 </html>
```

Narrow it down further...

1

EXPLORER

OPEN EDITORS 1 UNSAVED

User Settings ~/Library/Ap... 3

index.html

main.css css

OASIS-STAR-WARS-BOOTSTRAP

main.css

fonts

glyphicons-halflings-regula...

glyphicons-halflings-regula...

glyphicons-halflings-regula...

glyphicons-halflings-regula...

glyphicons-halflings-regula...

images

js

bootstrap.js

jquery.js

main.js

npm.js

config.codekit

config.codekit3

index.html

temp.html

MARK JUMP

User Settings

index.html

main.css

670

</div>

671

</div>

672

</div>

673

</div>

674

</main>

675

<footer>

676

<p>

677

This site is not affiliated with the real Star Wars. It

for a web dev course!

678

</p>

679

<p class="leg">

680

legal

681

label-danger

682

label-danger

683

list-group-item

684

list-group-item

685

list-group-item-danger

686

list-group-item-danger

687

list-group-item-heading

688

list-group-item-heading

689

list-group-item-info

690

list-group-item-info

Now press ↵/Enter...

main.css

X

script>

></script>

ript>

angularbootcamp.com/#/select

0

3

GIST [github]

Oasis Star Wars via Bootstra

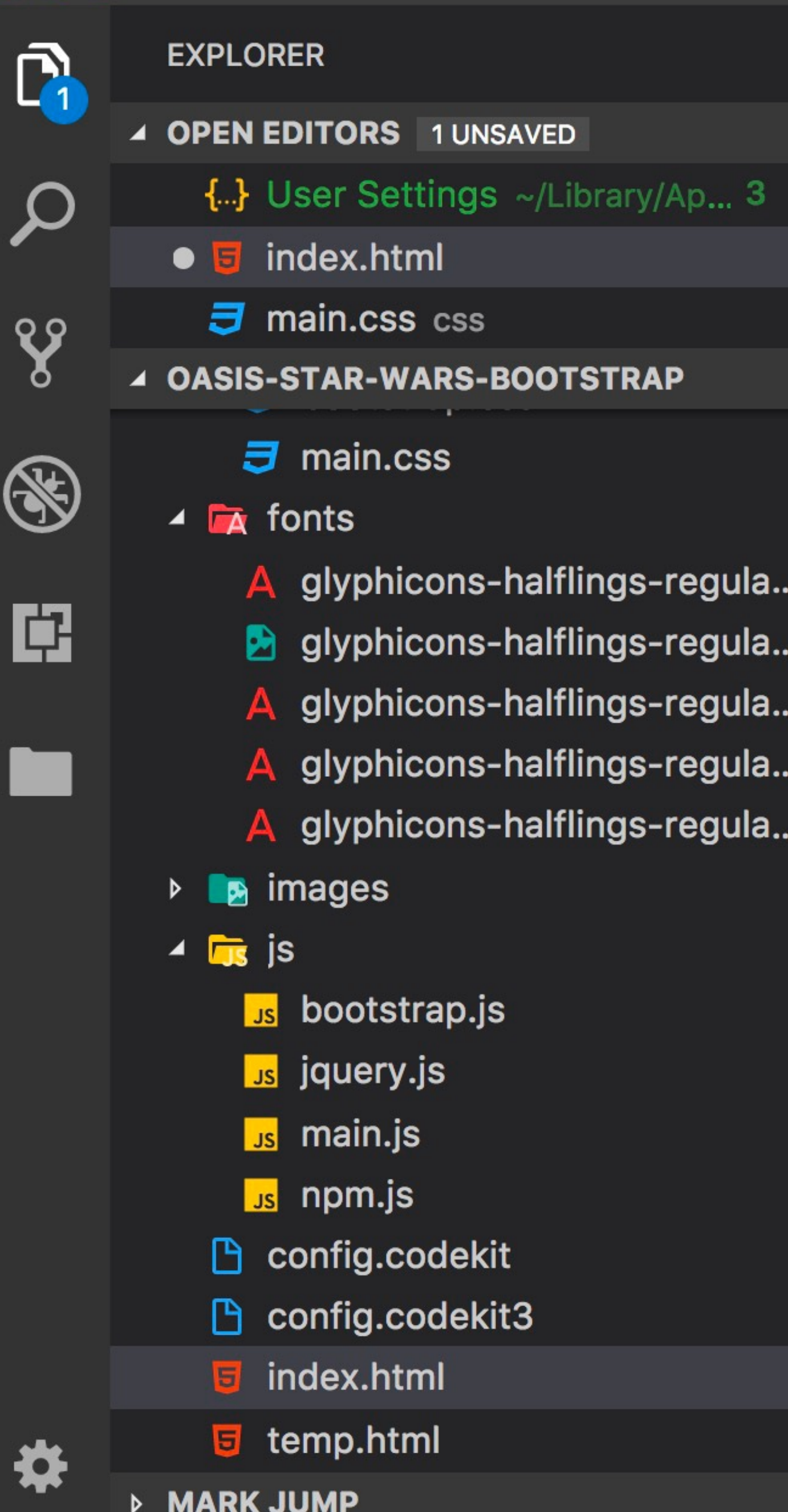
Spaces: 2

UTF-8

LF

HTML

Rsync: ⓘ



EXPLORER

1 OPEN EDITORS 1 UNSAVED

- User Settings ~/Library/Ap... 3
- index.html
- main.css css

OASIS-STAR-WARS-BOOTSTRAP

- main.css
- fonts
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
- images
- js
 - bootstrap.js
 - jquery.js
 - main.js
 - npm.js
- config.codekit
- config.codekit3
- index.html
- temp.html

MARK JUMP

```
670         </div>
671     </div>
672 </div>
673 </div>
674 </main>
675 <footer>
676     <p>
677         This site is not affiliated with the real Star Wars. It
678         for a web dev course!
679     <p class="legal">
680         This site is under a CC BY-SA 4.0 license.
681     </p>
682 </footer>
683
684 <script src="js/jquery.js"></script>
685 <script src="js/bootstrap.js"></script>
686 <script src="js/main.js"></script>
687 <!-- Original at http://swapp.angularbootcamp.com/#/select
688 </body>
689 </html>
```


Live Sass Compiler



Glenn Marks

Compile Sass into CSS manually or when you press
Save

More on this later!



EXPLORER



header.h

head.htr

main.css

main ●

index.htr

ba



OPEN EDITORS 1 UNSAVED

header.html themes/sk1/layouts/part...

head.html themes/sk1/layouts/partials

main.css public/css

● main.scss assets/scss

index.html public

baseof.html themes/sk1/layouts/_de...

WS-HUGO

assets

> js

SCSS

main.scss

content

_index.md

> data

> OUTLINE

> TEMPLATES

assets > scss > main.scss > ...

```
100
101 // Footer
102
103 footer {
104     border-top: 1px solid #e8e8e8;
105     padding: 30px 0;
106
107     > .wrap {
108         > h2 {
109             font-size: 1.5rem;
110             font-weight: 300;
111             margin-bottom: 15px;
112         }
113
114         p {
115             font-size: 16px;
116             color: #828282;
117         }
118     }
119 }
120
```

Sass, before
compiling into CSS



0 0

Live Share



GIST [github]



WebSanity > ws-hugo

SCSS

Go Live

Rsync: ⓘ

[off]





EXPLORER



header.h

head.htr

main.css

main.scs

index.htr

ba



OPEN EDITORS

header.html themes/sk1/layouts/part...

head.html themes/sk1/layouts/partials

× main.css public/css

main.scss assets/scss

index.html public

baseof.html themes/sk1/layouts/_de...

WS-HUGO



public

> categories

css

main.css

> page

> tags

404.html

404.html

> OUTLINE

> TEMPLATES

public > css > main.css > ...

```
97 footer {
98     border-top: 1px solid #e8e8e8;
99     padding: 30px 0;
100 }
101
102 footer > .wrap > h2 {
103     font-size: 1.5rem;
104     font-weight: 300;
105     margin-bottom: 15px;
106 }
107
108 footer > .wrap p {
109     font-size: 16px;
110     color: #828282;
111 }
112
113 footer > .wrap > div {
114     display: flex;
115     justify-content: space-between;
116 }
```

CSS, compiled
from Sass



0 0

Live Share



GIST [github]

W3C validation

WebSanity > ws-hugo

Rsync: ⓘ

[off]



More
Features

Debugging

VS Code helps you debug your code in 4 ways

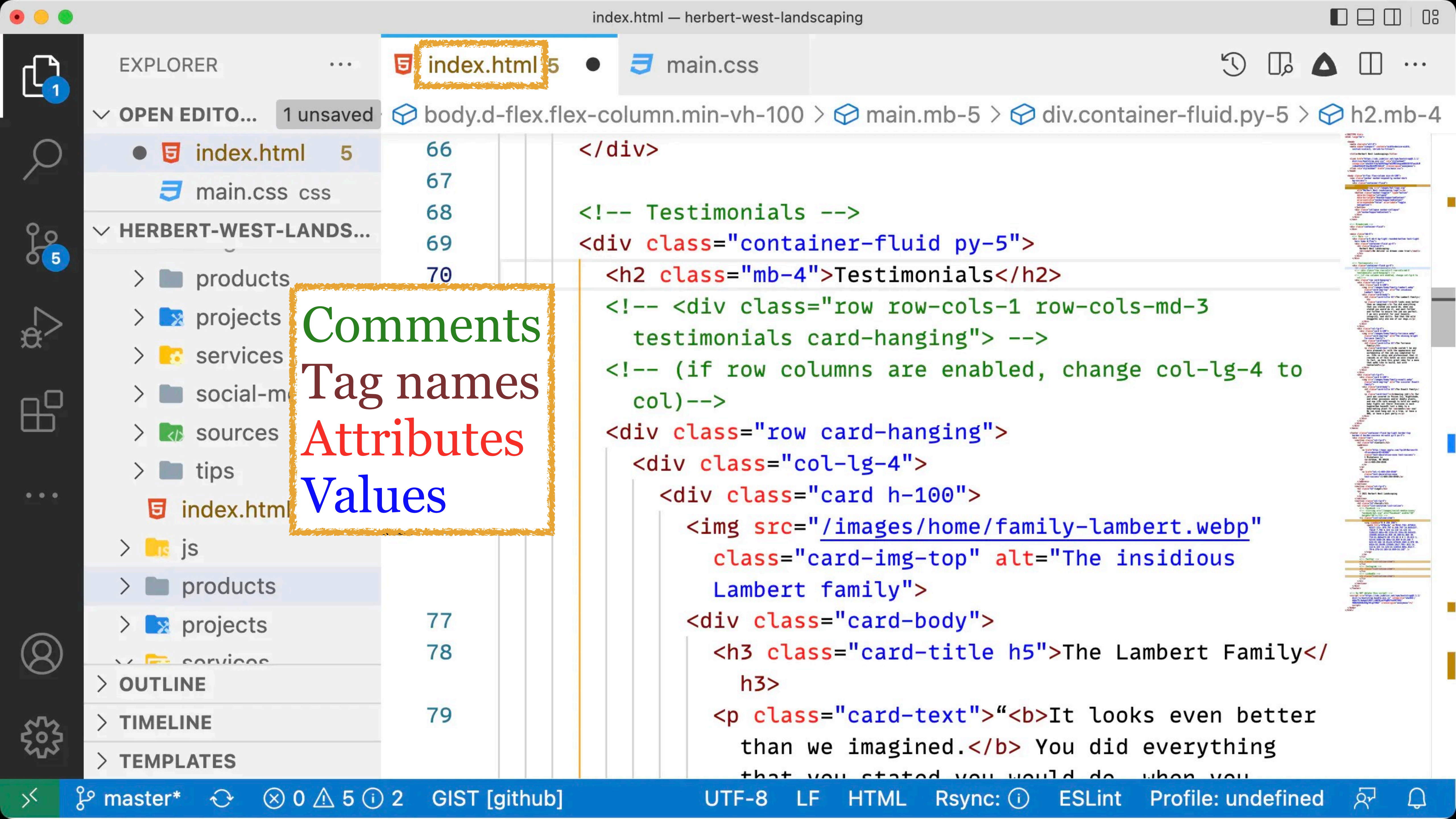
1. Syntax highlighting (colors)
2. Warnings in the Status Bar & the Problems Panel
3. Nesting via formatters
4. Live Preview

Syntax Highlighting

Syntax highlighting colors your code based on the lexical categories of the language

In HTML, you would see different colors for tag names, attributes, values, & comments

Different languages are colored differently



Comments
Tag names
Attributes
Values

</div>

<!-- Testimonials -->

<div class="container-fluid py-5">

<h2 class="mb-4">Testimonials</h2>

<!-- <div class="row row-cols-1 row-cols-md-3
testimonials card-hanging"> -->

<!-- (if row columns are enabled, change col-lg-4 to
col)-->

<div class="row card-hanging">

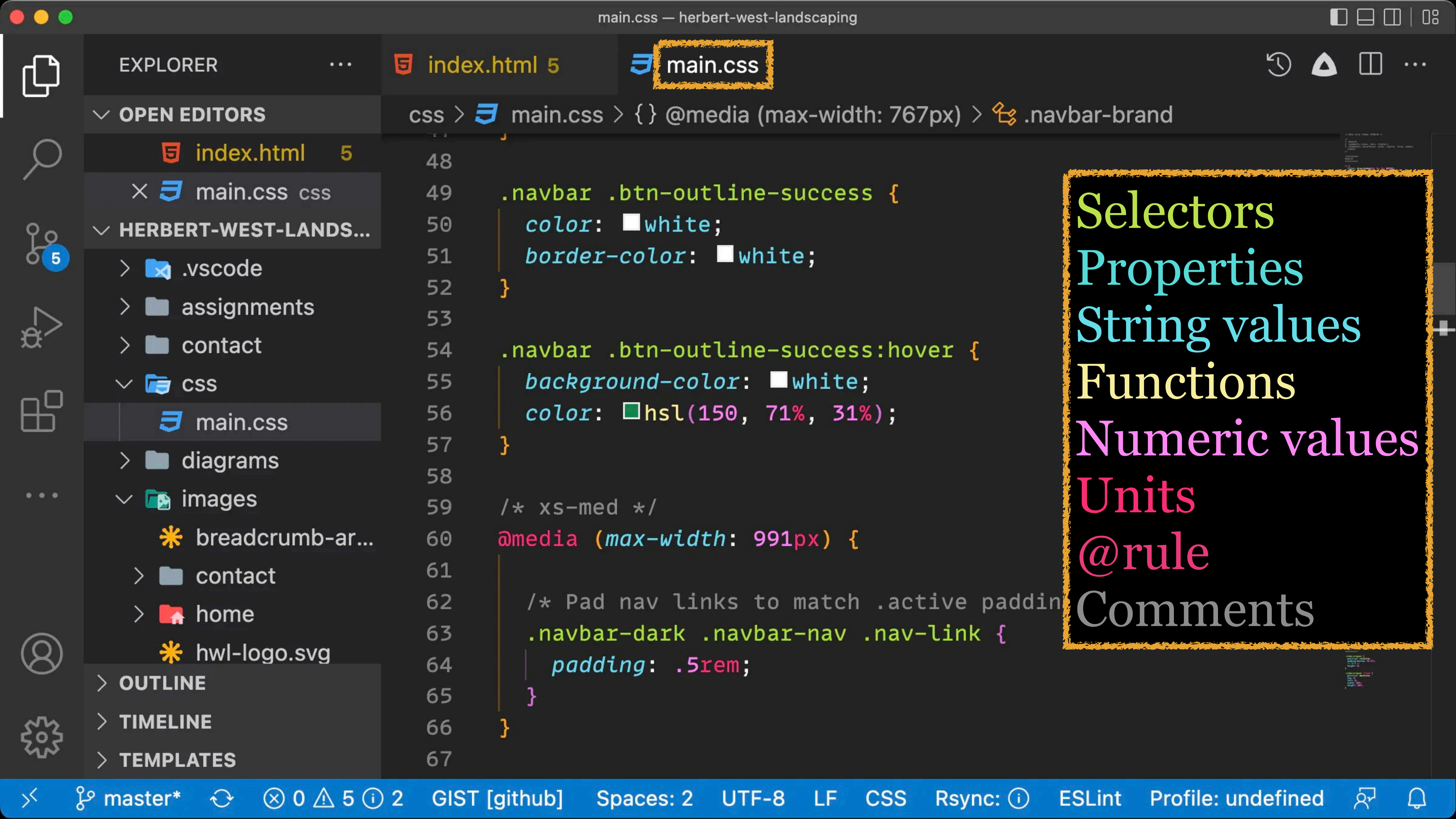
<div class="col-lg-4">

<div class="card h-100">

<div class="card-body">

<h3 class="card-title h5">The Lambert Family</
h3>

<p class="card-text">It looks even better
than we imagined. You did everything
that you stated you would do, when you



Selectors
Properties
String values
Functions
Numeric values
Units
@rule
Comments

1

5

5

EXPLORER

OPEN EDITOR... 1 unsaved

HERBERT-WEST-LANDS...

products

projects

services

social-media-ic...

sources

tips

index.html 5

js

products

projects

services

OUTLINE

TIMELINE

TEMPLATES

index.html 5

main.css

body.d-flex.flex-column.min-vh-100 > main.mb-5 > div.container-fluid.py-5 > h2.mb-4

66

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</div>

<!-- Testimonials -->

<div class="container-fluid py-5">

<h2 class="mb 4">Testimonials</h2>

<!-- <div class="row row-cols-1 row-cols-md-3 testimonials card-hanging"> -->

<!-- (if row columns are enabled, change col-lg-4 to col)-->

<div class="row card-hanging">

<div class="col-lg-4">

<div class="card h-100">

<div class="card-body">

<h3 class="card-title h5">The Lambert Family</h3>

<p class="card-text">It looks even better than we imagined. You did everything that you stated you would do, when you

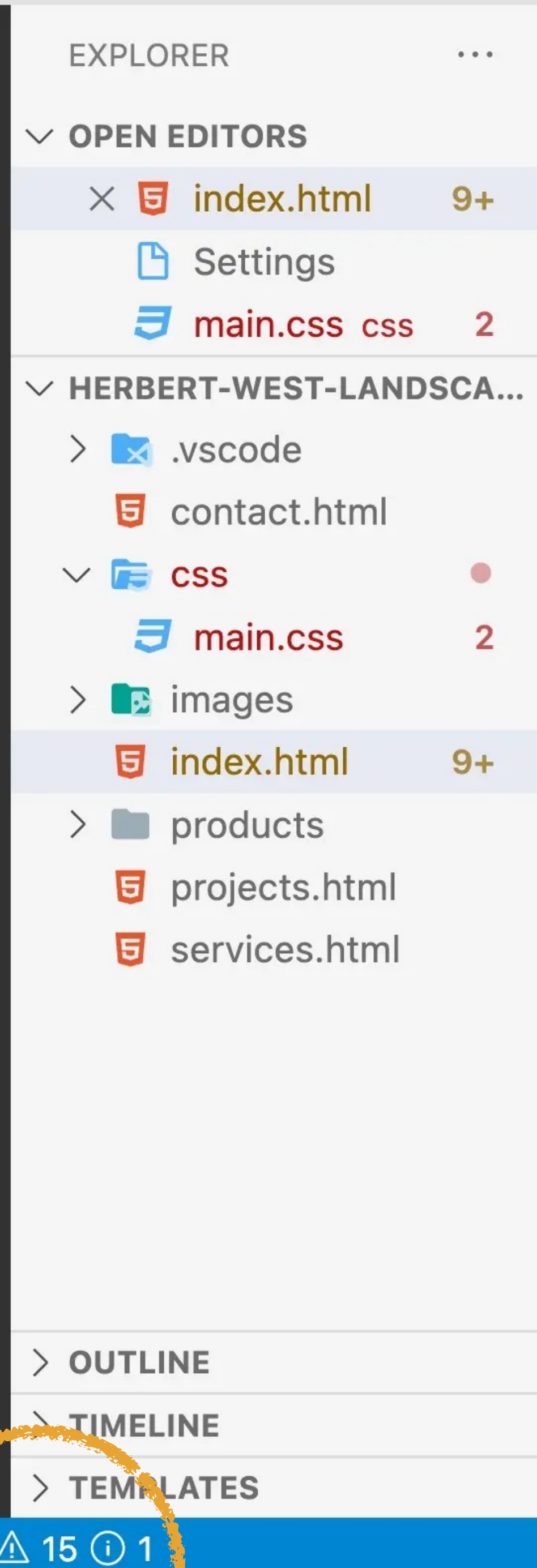
master*

0 5 2

GIST [github]

UTF-8 LF HTML Rsync: ESlint Profile: undefined

Warning & the Problems Panel



...

main.css 2



 index.html >  html >  head

main.css css 2

 `contact.html`

 main.css 2

>  images

index.html 9+

>  products

 projects.html services.html

```
1 <!doctype html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5
6     <link rel="stylesheet" href="/css/main.css">
7   </head>
8
9   <body>
10
11     <nav>
12       <a href="/">
13         <svg viewBox="0 0 3683 264">
```

PROBLEMS

17

OUTPUT

DEBUG CONSOLE

Filter (e.g. text, ****/*.ts**, **!**/node_modules/****)



main.css css 2

⊗ } expected css(css-rcurlyexpected) [Ln 26, Col 1]

⚠ Unknown property: 'heigh' css(unknownProperties) [Ln 25, Col 3]

index.html 15

⚠ An lang attribute must be present on <html> elements. (html-lang-require) [Ln 2, Col 6]

⚠ `<title>` must be present in `<head>` tag. (title-require) [Ln 7, Col 3]

⚠ Provide a descriptive text in between the tags web accessibility [Ln 12, Col 7]

⚠ The html element name of [linearGradient] must be in lowercase. (tagname-lowercase) [Ln 14, Col 11]

⚠ The html element name of [linearGradient] must be in lowercase. (tagname-lowercase) [Ln 17, Col 11]

EXPLORER

OPEN EDITORS

index.html 9+

Settings

main.css css 2

HERBERT-WEST-LANDSCAPING

.vscode

contact.html

css

main.css 2

images

index.html 9+

products

projects.html

services.html

OUTLINE

TIMELINE

TEMPLATES

index.html 9+

Settings

main.css 2

index.html > html > head

1<!doctype html>

2<html>

3<head>

4<meta charset="UTF-8">

5

6<link rel="stylesheet" href="/css/main.css">

7</head>

8

9<body>

10

11<nav>

12

13<div class="box">

TERMINAL

PROBLEMS 17

OUTPUT

DEBUG CONSOLE

Filter (e.g. text, **/*.ts, !**/node_modules/**)

main.css css 2

<div> expected <div> (css-rcurlyexpected) [Ln 26, Col 1]

Unknown property: 'heigh' css(unknownProperties) [Ln 25, Col 3]

index.html 15

<title> must be present in <head> tag. (title-require) [Ln 7, Col 3]

Provide a descriptive text in between the tags web accessibility [Ln 12, Col 7]

The html element name of [linearGradient] must be in lowercase. (tagname-lowercase) [Ln 14, Col 11]

The html element name of [linearGradient] must be in lowercase. (tagname-lowercase) [Ln 17, Col 11]

1 15 1

Ln 7, Col 10 (7 selected) Spaces: 2 UTF-8 LF HTML

Nesting via Formatters

If your code isn't flowing correctly, something may be wrong

CSS

1

5

EXPLORER

...

OPEN EDITO...1 unsaved

HERBERT-WEST-LANDS...

.vscode

assignments

contact

css

main.css2

diagrams

images

breadcrumb-ar...

contact

home

family-lamber...

OUTLINE

TIMELINE

TEMPLATES

index.html5

main.css2

css > main.css > .navbar .btn-outline-success: hover

48

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.navbar .btn-outline-success {

color: white;

border-color: white;

}

.navbar .btn-outline-success: hover {

background-color: white

color: hsl(150, 71%, 31%);

}

/* xs-med */

@media (max-width: 991px) {

/* Pad nav links to match .active padding */

.navbar-dark .navbar-nav .nav-link {

padding: .5rem;

}

}

master*

2

5

2

GIST [github]

Spaces: 2

UTF-8

LF

CSS

Rsync: i

ESLint

Profile: undefined





...

main.css 2



```
css >  main.css >  .navbar .btn-outline-success:hover
```

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02

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}

}

}

}

```
/* XS-sm */
```



1

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EXPLORER

...

OPEN EDITO...1 unsaved

HERBERT-WEST-LANDS...

.vscode

assignments

contact

css

main.css

diagrams

images

breadcrumb-ar...

contact

home

family-lamber...

OUTLINE

TIMELINE

TEMPLATES

index.html5

main.css

css > main.css > .hero

48

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61

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.navbar .btn-outline-success {

color: white;

border-color: white;

}

.navbar .btn-outline-success:hover {

background-color: white;

color: hsl(150, 71%, 31%);

}

/* xs-med */

@media (max-width: 991px) {

/* Pad nav links to match .active padding */

.navbar-dark .navbar-nav .nav-link {

padding: .5rem;

}

}

master*

0

5

2

GIST [github]

Spaces: 2

UTF-8

LF

CSS

Rsync:

ESLint

Profile: undefined

Live Preview




Visual Studio Code > Other > Live Preview



Live Preview

Preview

Microsoft  |  531,218 installs |  (30) | Free

Hosts a local server in your workspace for you to preview your webpages on.

[Install](#)[Trouble Installing?](#)[Overview](#)[Version History](#)[Q & A](#)[Rating & Review](#)

Live Preview - VS Code Extension

 WARNING: this extension is still under development! 

One of the most important
tools for debugging

Code Folding

col-md-8 col-lg-9

title</h2>

```
<article class="col-md-8 col-lg-9">
```

Article Title

```
<!-- p.lead+p*3 -->
```

<p class="lead">

Velit labore ut incididunt irure nisi occaecat adipisicing est magna veniam aute nostrud in consequat. Minim ipsum ut occaecat laborum fugiat et eu consequat non laboris laborum dolor laborum. Labore mollit sint enim pariatur pariatur ullamco nulla ut adipisicing ad. Cupidatat incididunt sint cillum culpa labore. Laboris incididunt non incididunt commodo ea nulla consequat amet exercitation irure anim officia amet. Incididunt exercitation do non irure aliquip veniam excepteur dolor. Excepteur amet culpa quis deserunt ut ea cillum pariatur aliquip excepteur laborum.

<p>

Mollit irure occaecat voluptate do non quis. Elit pariatur dolor ullamco qui non magna ullamco laborum. Excepteur incidunt mollit voluptate ipsum labore labore nulla pariatur Lorem. Exercitation reprehenderit esse exercitation ex ea Lorem reprehenderit eu culpa cupidatat. Aliquip consequat magna dolore aute. Qui incidunt non fugiat non mollit nulla

I want to collapse
that `<div>` so I
can see more code

index-01.html

main.css

index-01.html > html > body > div.container > div.row

Hover over the gutter & folding symbols appear

```
21 <div class="row">
22   <article class="col-md-8 col-lg-9">
23     <h2>Article Title</h2>
24     <!-- p.lead+p*3 -->
25     <p class="lead">
26       Velit labore ut incidunt irure nisi occaecat adipisicing est magna veniam
        aute nostrud in consequat. Minim ipsum ut occaecat laborum fugiat et eu
        consequat non laboris laborum dolor laborum. Labore mollit sint enim
        pariatur pariatur ullamco nulla ut adipisicing ad. Cupidatat incidunt
        sint cillum culpa labore. Laboris incidunt non incidunt commodo ea
        nulla consequat amet exercitation irure anim officia amet. Incidunt
        exercitation do non irure aliquip veniam excepteur dolor. Excepteur amet
        culpa quis deserunt ut ea cillum pariatur aliquip excepteur laborum.
27   </p>
28   <p>
29     Mollit irure occaecat voluptate do non quis. Elit pariatur dolor ullamco
        qui non magna ullamco laborum. Excepteur incidunt mollit voluptate
        ipsum labore labore nulla pariatur Lorem. Exercitation reprehenderit esse
        exercitation ex ea Lorem reprehenderit eu culpa cupidatat. Aliquip
        consequat magna dolore aute. Qui incidunt non fugiat non mollit nulla
```



0 0

Live Share



GIST [github]



Assignments > bootstrap-4-101



Go Live

Rsync: ⓘ

ESLint



[off]



index-01.html ● main.css

index-01.html > html > body > div.container > div.row

```
21 > <div class="row"> ...
85 </div>
86 </div>
87
88 <footer>
89 <p>
90   CC BY-SA 4.0 Scott Granneman
91 </p>
92 <address>
93   39 Summit Place | Webster Groves, MO 63119 | <a href="tel:
    +13147800489">314-780-0489</a> | <a href="mailto:scott@granneman.
    com">scott@granneman.com</a>
94 </address>
95 </footer>
96
97 <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
    integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH
    +8abtTE1Pi6jizo" crossorigin="anonymous"></script>
98 <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.
    js" integrity="sha384-ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/
```

Click on the  symbol & that section collapses!

Click > & it
expands back

[illegible]

index-01.html

main.css

index-01.html > html > body > div.container > div.row

```
21 <div class="row">
22   <article class="col-md-8 col-lg-9">
23     <h2>Article Title</h2>
24     <!-- p.lead+p*3 -->
25     <p class="lead">
26       Velit labore ut incidunt irure nisi occaecat adipisicing est magna veniam
        aute nostrud in consequat. Minim ipsum ut occaecat laborum fugiat et eu
        consequat non laboris laborum dolor laborum. Labore mollit sint enim
        pariatur pariatur ullamco nulla ut adipisicing ad. Cupidatat incidunt
        sint cillum culpa labore. Laboris incidunt non incidunt commodo ea
        nulla consequat amet exercitation irure anim officia amet. Incidunt
        exercitation do non irure aliquip veniam excepteur dolor. Excepteur amet
        culpa quis deserunt ut ea cillum pariatur aliquip excepteur laborum.
27   </p>
28   <p>
29     Mollit irure occaecat voluptate do non quis. Elit pariatur dolor ullamco
        qui non magna ullamco laborum. Excepteur incidunt mollit voluptate
        ipsum labore labore nulla pariatur Lorem. Exercitation reprehenderit esse
        exercitation ex ea Lorem reprehenderit eu culpa cupidatat. Aliquip
        consequat magna dolore aute. Qui incidunt non fugiat non mollit nulla
```

You can use key commands too!

```
<!-- ... -->
<div class="row">
  <div class="col-md-8 col-lg-9">
    <h2>Article Title</h2>
    <!-- p.lead+p*3 -->
    <p class="lead">
      Velit labore ut incidunt irure nisi occaecat adipisicing est magna veniam
        aute nostrud in consequat. Minim ipsum ut occaecat laborum fugiat et eu
        consequat non laboris laborum dolor laborum. Labore mollit sint enim
        pariatur pariatur ullamco nulla ut adipisicing ad. Cupidatat incidunt
        sint cillum culpa labore. Laboris incidunt non incidunt commodo ea
        nulla consequat amet exercitation irure anim officia amet. Incidunt
        exercitation do non irure aliquip veniam excepteur dolor. Excepteur amet
        culpa quis deserunt ut ea cillum pariatur aliquip excepteur laborum.
    </p>
    <p>
      Mollit irure occaecat voluptate do non quis. Elit pariatur dolor ullamco
        qui non magna ullamco laborum. Excepteur incidunt mollit voluptate
        ipsum labore labore nulla pariatur Lorem. Exercitation reprehenderit esse
        exercitation ex ea Lorem reprehenderit eu culpa cupidatat. Aliquip
        consequat magna dolore aute. Qui incidunt non fugiat non mollit nulla
    </p>
  </div>
</div>
```



0 0

Live Share



GIST [github]



Assignments > bootstrap-4-101



Go Live

Rsync: ⓘ

ESLint



[off]



Fold (collapse) region at the cursor

- » Command Palette: search for **Fold**
- » ⌘ ⇧ [/ Ctrl+Shift+[

Unfold collapsed region at the cursor

- » Command Palette: search for **Unfold**
- » ⌘ ⇧] / Ctrl+Shift+]

index-01.html

main.css

index-01.html > html > body > div.container > div.row

```
21 <div class="row">
22   <article class="col-md-8 col-lg-9">
23     <h2>Article Title</h2>
24     <!-- p.lead+p*3 -->
25     <p class="lead">
26       Velit labore ut incididunt irure nisi occaecat adipisicing est magna veniam
        aute nostrud in consequat. Minim ipsum ut occaecat laborum fugiat et eu
        consequat non laboris laborum dolor laborum. Labore mollit sint enim
        pariatur pariatur ullamco nulla ut adipisicing ad. Cupidatat incididunt
        sint cillum culpa labore. Laboris incididunt non incididunt commodo ea
        nulla consequat amet exercitation irure anim officia amet. Incidunt
        exercitation do non irure aliquip veniam excepteur dolor. Excepteur amet
        culpa quis deserunt ut ea cillum pariatur aliquip excepteur laborum.
27   </p>
28   <p>
29     Mollit irure occaecat voluptate do non quis. Elit pariatur dolor ullamco
        qui non magna ullamco laborum. Excepteur incididunt mollit voluptate
        ipsum labore labore nulla pariatur Lorem. Exercitation reprehenderit esse
        exercitation ex ea Lorem reprehenderit eu culpa cupidatat. Aliquip
        consequat magna dolore aute. Qui incididunt non fugiat non mollit nulla
```

Nice, but what if I want to collapse everything?

```
<!-- Bootstrap 4.1.0
https://getbootstrap.com/docs/4.1/getting-started/introduction/
-->
<!-- Basic structure
-->
<!-- Container
-->
<!-- Row
-->
<!-- Column
-->
<!-- Card
-->
<!-- Footer
-->
```



0 0

Live Share



GIST [github]



Assignments > bootstrap-4-101



Go Live



Rsync: i



ESLint



[off]



Fold all regions in your code

- » Command Palette: search for **Fold All**
- » **⌘K ⌘0 / Ctrl+K Ctrl+0** (zero)

Unfold all regions in your code

- » Command Palette: search for **Unfold All**
- » **⌘K ⌘J / Ctrl+K Ctrl+J**

Here's what I suggest when you code

Place your cursor on `<body>` & fold recursively

- » Command Palette: search for `Fold Recursively`
- » `⌘K ⌘[/Ctrl+K Ctrl+[`

Click in various landmarks & unfold recursively

- » Command Palette: search for `Unfold Recursively`
- » `⌘K ⌘]/Ctrl+K Ctrl+[`

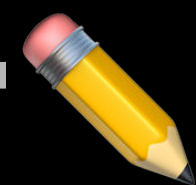
Rename Tags

You type `Unknown Kadath` & realize you should've used `<i>` instead

Normally you'd have to manually change both `` & `` to `<i>` & `</i>` 😡

With Rename Tags, built in to VS Code...





- » change `` to `<i>`, & it automatically changes `` to `</i>`, OR
- » change `` to `</i>`, & it automatically changes `` to `<i>`



SIDE NOTE

I have enabled Rename Tags to run automatically in the Settings file I provided to you

Without that automation, you'd have to run it manually by selecting the element & doing one of these:

- » Invoke the Command Palette (  P / Ctrl-Shift-P) & search for **On Type Rename Symbol**
- » Press   F2 / Shift+Ctrl+F2

Language Support

Built-in support for

- » CSS, Sass, & Less
- » HTML
- » JavaScript, JSON, & Node.js
- » Markdown
- » PHP
- » TypeScript

Extensions add support for other languages

- » C/C++
- » C#
- » Go
- » Java
- » Python
- » Ruby
- » Rust
- » & many, *many* more

Git Integration

Git is the world's most popular distributed version control system for tracking changes in source code files & coordinating work on those files among multiple people

VS Code has built-in support for Git



SOUR... ✓ ↺ ...



Message (⌘Enter to

CHANGES

1



R... ↻ ↶ + 2, M



i README.md

i README.md (Wo



i README.md > abc # GrannePack HTML > abc ## Extensions

```
10 * [expand-region] (https://marketp
11 * [File Templates Manager] (https:
12 - * [File Utils] (https://marketplac
13 * [indent-rainbow] (https://market
14 * [Live Server] (https://marketpla
15 * [Live Share Extension Pack] (htt
16 * [Path Autocomplete] (https://mar
17 * [Placeholder Images] (https://ma
18 * [Project Templates] (https://mar
19 * [Projects+] (https://marketplace
20 * [Sort lines] (https://marketplac
21 * [Spell Right] (https://marketpla
22
23 ## Themes
24
25 * [Monokai Dark Soda] (https://mar
26 * [Material Icon Theme] (https://m
27
```

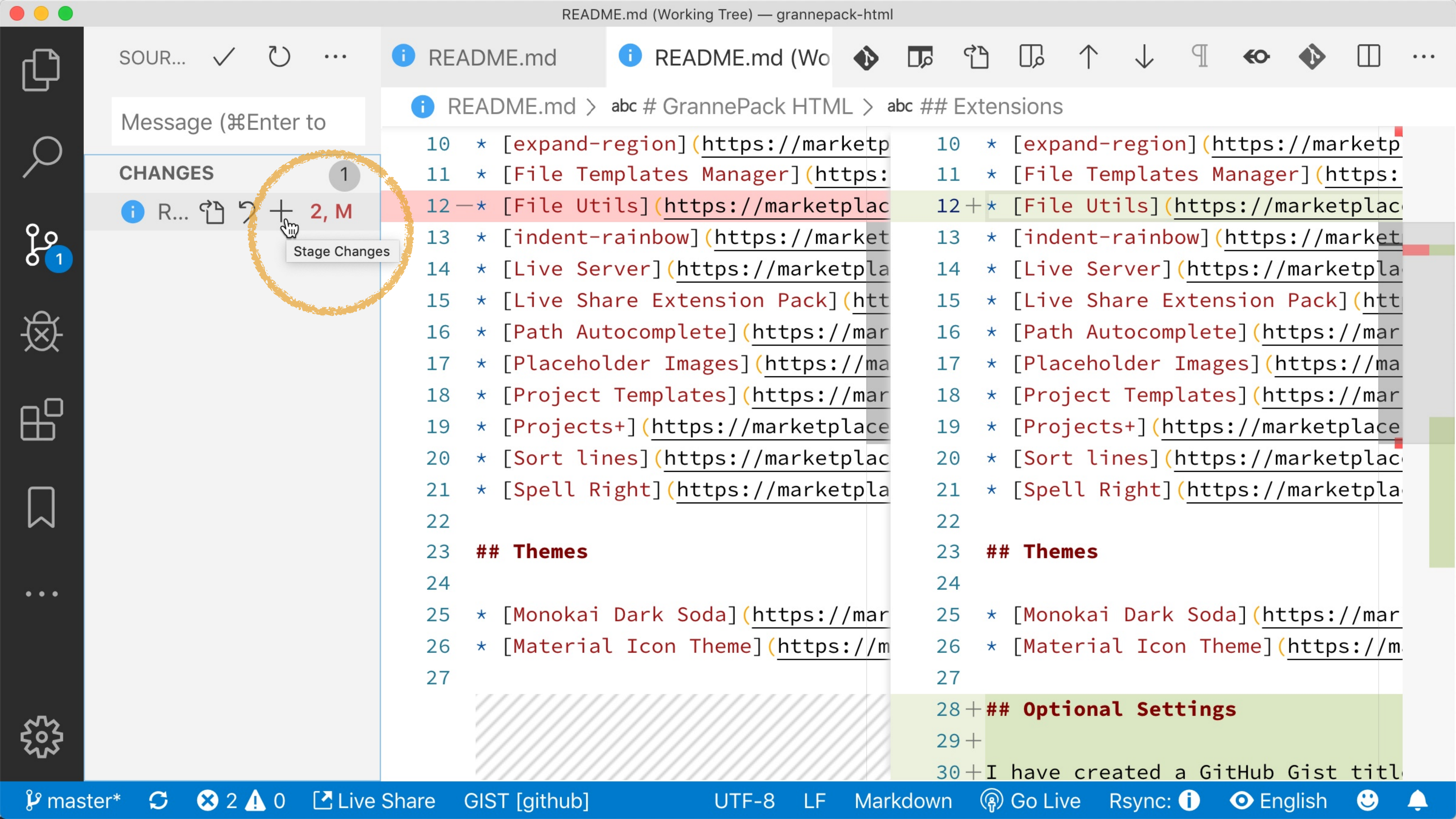
```
10 * [expand-region] (https://marketp
11 * [File Templates Manager] (https:
12 + * [File Utils] (https://marketplac
13 * [indent-rainbow] (https://market
14 * [Live Server] (https://marketpla
15 * [Live Share Extension Pack] (htt
16 * [Path Autocomplete] (https://mar
17 * [Placeholder Images] (https://ma
18 * [Project Templates] (https://mar
19 * [Projects+] (https://marketplace
20 * [Sort lines] (https://marketplac
21 * [Spell Right] (https://marketpla
22
23 ## Themes
24
25 * [Monokai Dark Soda] (https://mar
26 * [Material Icon Theme] (https://m
27
```

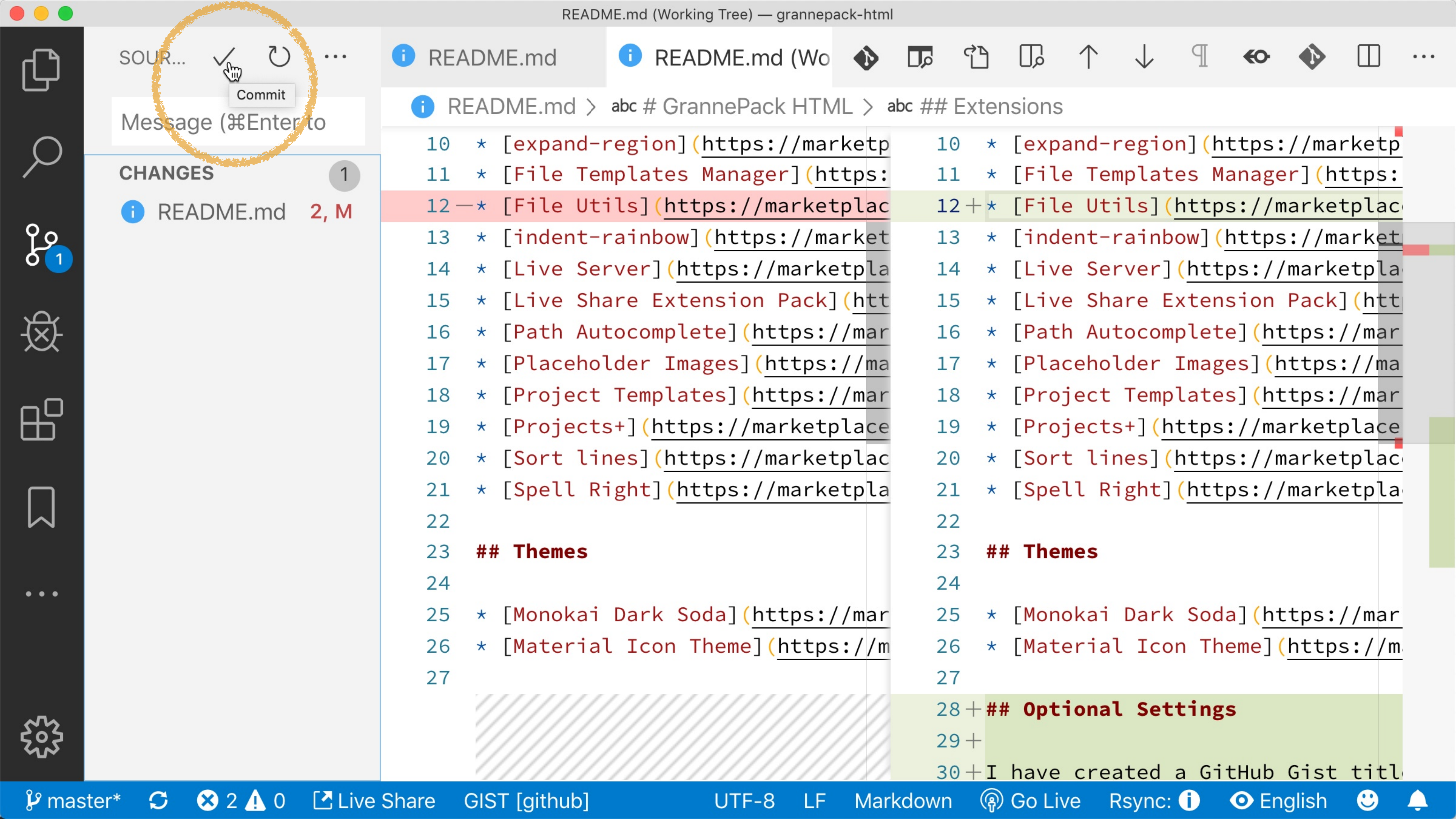
28 + ## Optional Settings

29 +

30 + I have created a GitHub Gist titl







SOUR...



Commit

Message (⌘Enter to

CHANGES

1

i README.md 2, M

i README.md

i README.md (Wo



i README.md > abc # GrannePack HTML > abc ## Extensions

10 * [expand-region] (<https://marketp>11 * [File Templates Manager] (<https://marketp>12 - * [File Utils] (<https://marketplac>13 * [indent-rainbow] (<https://marketp>14 * [Live Server] (<https://marketpla>15 * [Live Share Extension Pack] (<htt>16 * [Path Autocomplete] (<https://mar>17 * [Placeholder Images] (<https://ma>18 * [Project Templates] (<https://mar>19 * [Projects+] (<https://marketplace>20 * [Sort lines] (<https://marketplac>21 * [Spell Right] (<https://marketpla>

22

23 ## Themes

24

25 * [Monokai Dark Soda] (<https://mar>26 * [Material Icon Theme] (<https://m>

27

10 * [expand-region] (<https://marketp>11 * [File Templates Manager] (<https://marketp>12 + * [File Utils] (<https://marketplac>13 * [indent-rainbow] (<https://marketp>14 * [Live Server] (<https://marketpla>15 * [Live Share Extension Pack] (<htt>16 * [Path Autocomplete] (<https://mar>17 * [Placeholder Images] (<https://ma>18 * [Project Templates] (<https://mar>19 * [Projects+] (<https://marketplace>20 * [Sort lines] (<https://marketplac>21 * [Spell Right] (<https://marketpla>

22

23 ## Themes

24

25 * [Monokai Dark Soda] (<https://mar>26 * [Material Icon Theme] (<https://m>

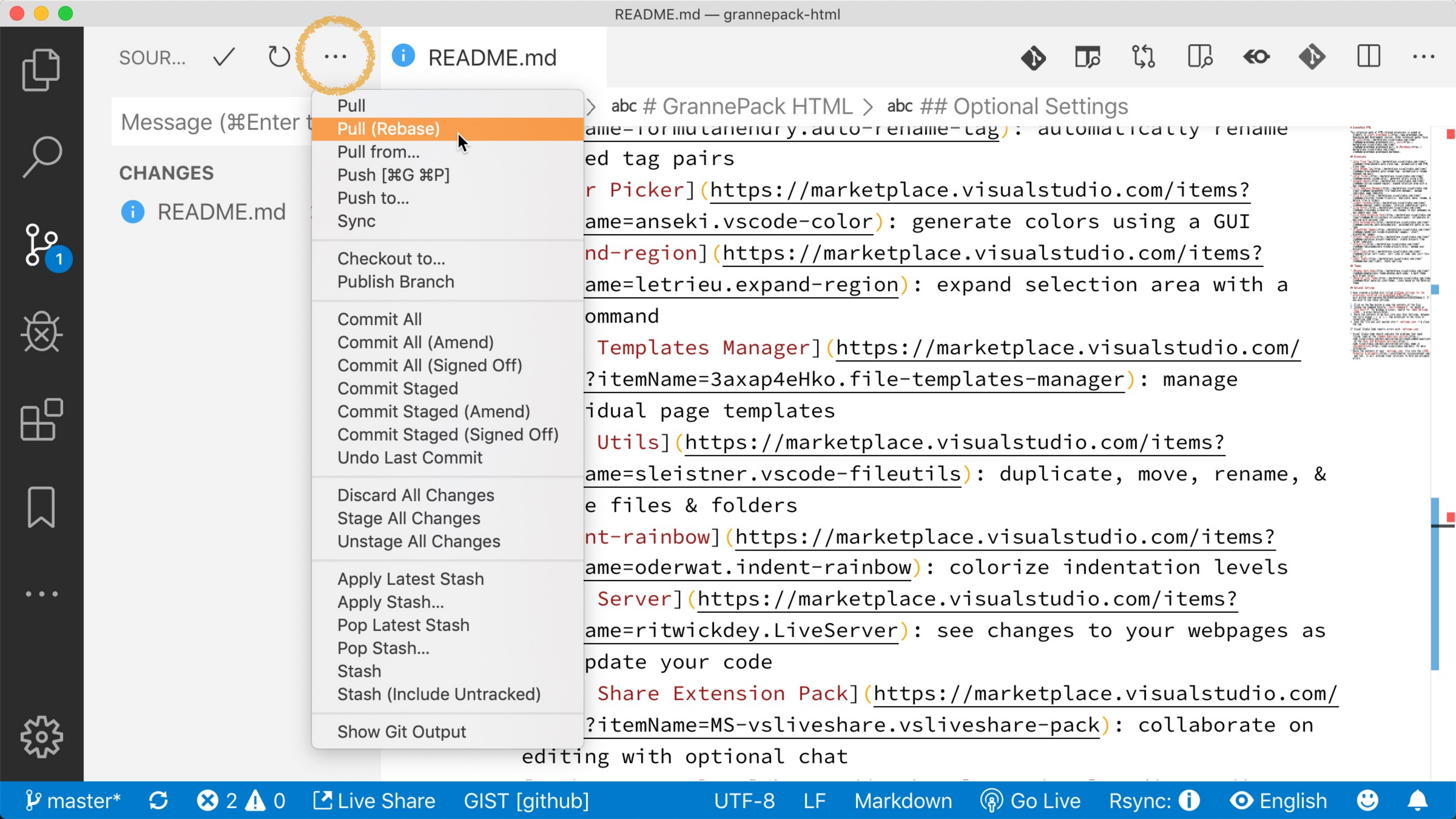
27

28 + ## Optional Settings

29 +

30 + I have created a GitHub Gist titl





SOUR...



README.md



Message (⌘Enter t)

CHANGES

i README.md

Pull

Pull (Rebase)

Pull from...

Push [⌘G ⌘P]

Push to...

Sync

Checkout to...

Publish Branch

Commit All

Commit All (Amend)

Commit All (Signed Off)

Commit Staged

Commit Staged (Amend)

Commit Staged (Signed Off)

Undo Last Commit

Discard All Changes

Stage All Changes

Unstage All Changes

Apply Latest Stash

Apply Stash...

Pop Latest Stash

Pop Stash...

Stash

Stash (Include Untracked)

Show Git Output

> abc # GrannePack HTML > abc ## Optional Settings

ame=formulacandery.auto-rename-tag): automatically rename

ed tag pairs

r Picker](https://marketplace.visualstudio.com/items?

ame=anseki.vscode-color): generate colors using a GUI

nd-region](https://marketplace.visualstudio.com/items?

ame=letrieu.expand-region): expand selection area with a

ommand

Templates Manager](https://marketplace.visualstudio.com/

?itemName=3axap4eHko.file-templates-manager): manage

idual page templates

Utils](https://marketplace.visualstudio.com/items?

ame=sleistner.vscode-fileutils): duplicate, move, rename, &

e files & folders

nt-rainbow](https://marketplace.visualstudio.com/items?

ame=oderwat.indent-rainbow): colorize indentation levels

Server](https://marketplace.visualstudio.com/items?

ame=ritwickdey.LiveServer): see changes to your webpages as

pdate your code

Share Extension Pack](https://marketplace.visualstudio.com/

?itemName=MS-vsliveshare.vsliveshare-pack): collaborate on

editing with optional chat



Thank you!

scott@granneman.com

www.granneman.com

[@scottgranneman@mastodon.social](https://mastodon.social/@scottgranneman)

jans@websanity.com

websanity.com



Slides

[granneman.com/downloads/web-dev/
HTML-Overview-Condensed.pdf](http://granneman.com/downloads/web-dev/HTML-Overview-Condensed.pdf)

chnsa.ws/html-condensed-slides



Notes

[granneman.com/downloads/web-dev/
HTML-Overview-Condensed.txt](http://granneman.com/downloads/web-dev/HTML-Overview-Condensed.txt)

chnsa.ws/html-condensed-notes



All of my presentations

granneman.com/presentations/all-presentations

chnsa.ws/all-presentations

Visual Studio Code

Installing, Configuring & Using

R. Scott Granneman & Jans Carton

© 2018 R. Scott Granneman • v1.29 2024-04-04 • Licensed CC BY-SA 4.0

Bonus

Quick List of Installations & Configurations

These are the installations & configurations we perform throughout these slides

I put them all here in 1 location as a reference

Install extensions

⌘⇧P / Ctrl+Shift+P > Extensions: Install Extensions

Search for GrannePack

Install:

- » GrannePack HTML
- » GrannePack CSS
- » GrannePack Web Dev Snippets
- » GrannePack Web Dev Settings

HTML snippets

Preferences > Configure User Snippets > `html.json`

<https://chnsa.ws/16e>

CSS snippets

Preferences > Configure User Snippets > `css.json`

<https://chnsa.ws/1bo>

SCSS snippets

Preferences > User Snippets > `scss.json`

<https://chnsa.ws/1bx>

VS Code settings

⌘⇧P / Ctrl+Shift+P > Open Settings (JSON)

<https://chnsa.ws/1c7>

Keyboard Shortcuts

Preferences > Keyboard Shortcuts

Set `editor.action.joinLines` to

⌘J / Ctrl+J

Set `editor.emmet.action.wrapWithAbbreviation` to
⌘E ⌘R / Ctrl+E Ctrl+R

Set `editor.emmet.action.balanceOut` to
⌘E ⌘↑ / Ctrl+E Ctrl+↑

Set `editor.emmet.action.balanceIn` to
⌘E ⌘↓ / Ctrl+E Ctrl+↓

Set `editor.emmet.action.updateImageSize` to
⌘E ⌘I / Ctrl+E Ctrl+I

File Templates Manager

Replace HTML.html template with

<https://chnsa.ws/1b1>

New Bootstrap 5 CDN.html template using

<https://chnsa.ws/1wx>

Set up Project Templates

Select Color theme

Select File Icon theme

Installation

Portable VS Code

Don't have a laptop you can install VS Code on?

You can install Visual Studio Code in Portable Mode, which runs on...

- » a USB flash drive
- » a portable hard drive
- » cloud storage (Dropbox, One Drive, Box, iCloud Drive, or Google Drive)

When you use VS Code in Portable Mode, all your extensions, settings, & other data reside in a folder along with the app

You can therefore access & use VS Code from anywhere & have access to your setup without having to reinstall or reconfigure!



A file named something like `vSCode-darwin-stable.zip` will appear in Downloads

Double-click on the ZIP file & a few moments later you will see `Visual Studio Code.app`

rsgranne

Desktop

Dropbox

Documents

Downloads

Applications

Photos

Pictures

Library

iCloud Drive

AirDrop

Recents

Inbox

DEVONthink PDF

Git

WebSanity

ScottBook Pro

Remote Disc

BOOTCAMP

Downloads

Search

Name	Size	Kind	Date Added
+LOONEY	20.18 GB	Folder	2018-04-30
Books	1.95 GB	Folder	2018-04-30
canstockphoto31725853.jpg	2 MB	JPEG image	2018-05-10
Comics	745 KB	Folder	2018-04-30
Denise	4.3 MB	Folder	2018-05-03
facebook-scottgranneman.zip	7.6 MB	ZIP archive	2018-05-22
icomoon_12_icons.zip	106 KB	ZIP archive	2018-05-23
icomoon_12_icons.zip Folder	103 KB	Folder	2018-05-23
MacUpdate Desktop	100.9 MB	Folder	2018-04-30
Mobility.oo3	57 KB	Omni...iner 3	2018-04-30
Oasis	263.6 MB	Folder	2018-04-30
Oasis Test.json	492 KB	JSON	2018-05-23
rs.sitesucker.mac.sitesucker	Zero KB	Folder	2018-05-02
Visual Studio Code.app	208.7 MB	Application	2018-06-11
VSCode-darwin-stable.zip	71.9 MB	ZIP archive	2018-06-11
WebSanity	29 MB	Folder	2018-04-30

Macintosh HD > Users > rsgranne > Downloads > Visual Studio Code.app

Drag VS Code into your Dropbox folder

Toss the ZIP file into the Trash (or just select the file & press ⌘⌫)

Go to your Applications folder

Double-click on VS Code to open it

Once it is open, go ahead & close it

In your Applications folder, create a new folder named exactly `code-portable-data`

Now when you run VS Code, all your extensions & data will live in the `code-portable-data` folder

Next time you automatically update VS Code,
everything should just work



Version 1.24 is now available! Read about the new features and fixes from May.

Code editing. Redefined.

Free. Open source. Runs everywhere.

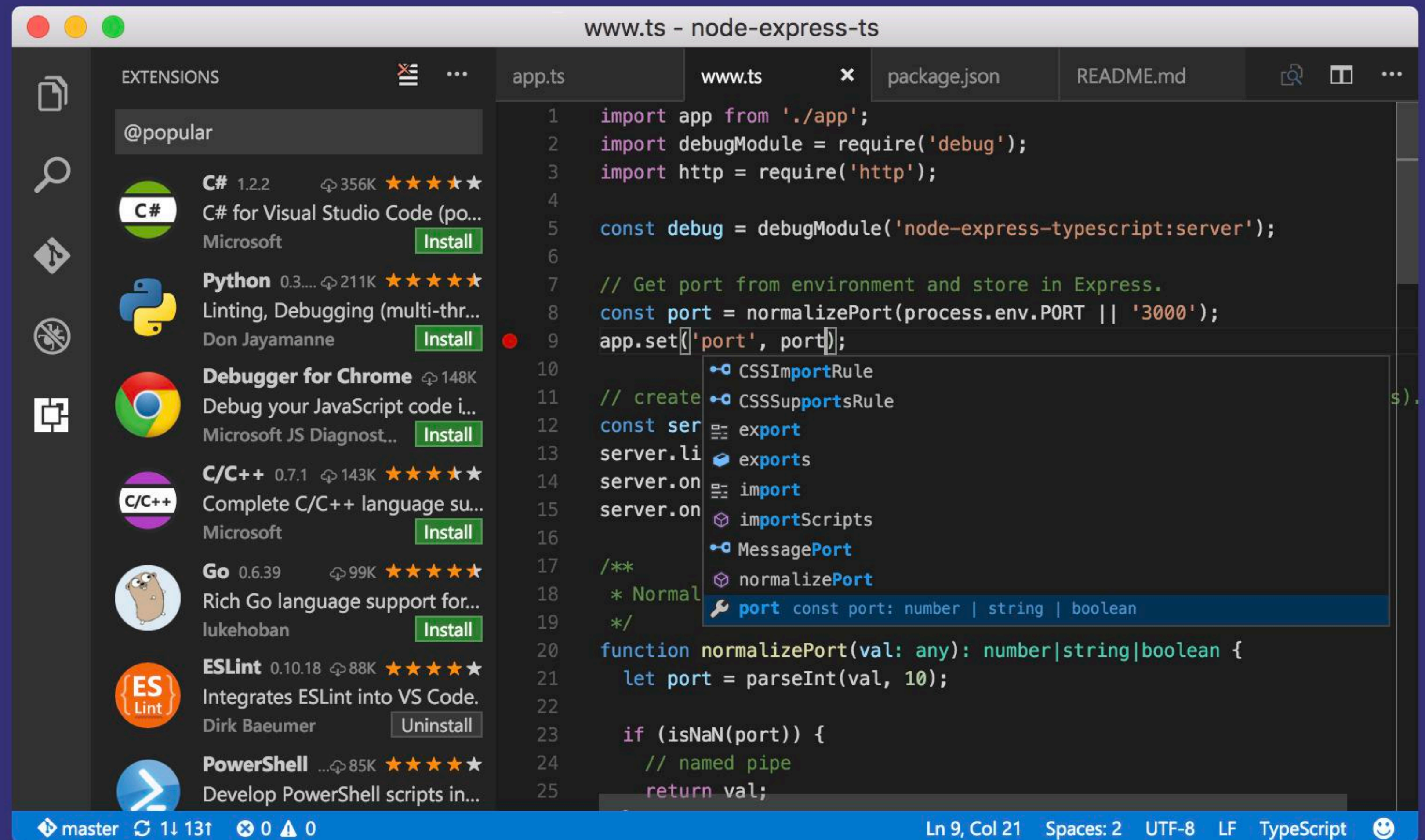
Download for Mac
Stable Build

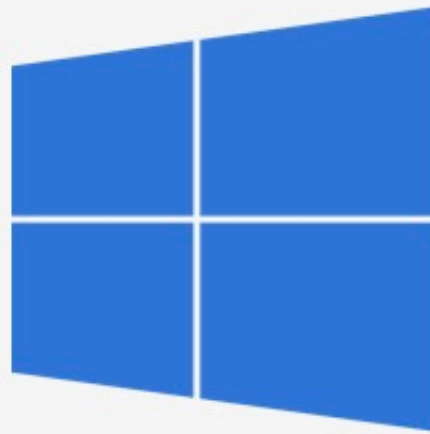


Other platforms and Insiders Edition

using VS Code, you agree to its
license and privacy statement.

Click on
Other platforms





↓ Windows

Windows 7, 8, 10

User Installer	64 bit	32 bit
System Installer	64 bit	32 bit
.zip	64 bit	32 bit



↓ .deb

Debian, Ubuntu

↓ .rpm

Red Hat, Fedora, SUSE

.deb	64 bit	32 bit
.rpm	64 bit	32 bit
.tar.gz	64 bit	32 bit



↓ Mac

macOS 10.9+

Click on 64 bit zip (unless you have an ancient PC)

Want new features sooner?

Get the [Insiders build](#) instead.

LICENSE AND PRIVACY TERMS

By downloading and using Visual Studio Code, you agree to the [license terms](#) and [privacy statement](#). VS Code

automatically sends telemetry data and crash dumps to help us improve the product. If you would prefer not

to have this data sent please go see [How to Disable Crash Reporting](#) to learn how to disable it.

A file named something like `VSCode-win32-x64-1.26.1.zip` will download

Right-click on the ZIP file & select Extract Here

You should now have a folder named something like `VSCode-win32-x64-1.26.1`

Drag that folder into your USB or cloud drive

Toss the ZIP into the Recycle Bin

Go into the VS Code folder (e.g., `VSCode-win32-x64-1.26.1`) & its 60+ items (!)

Note that to run the VS Code app, you need to click on `Code.exe`

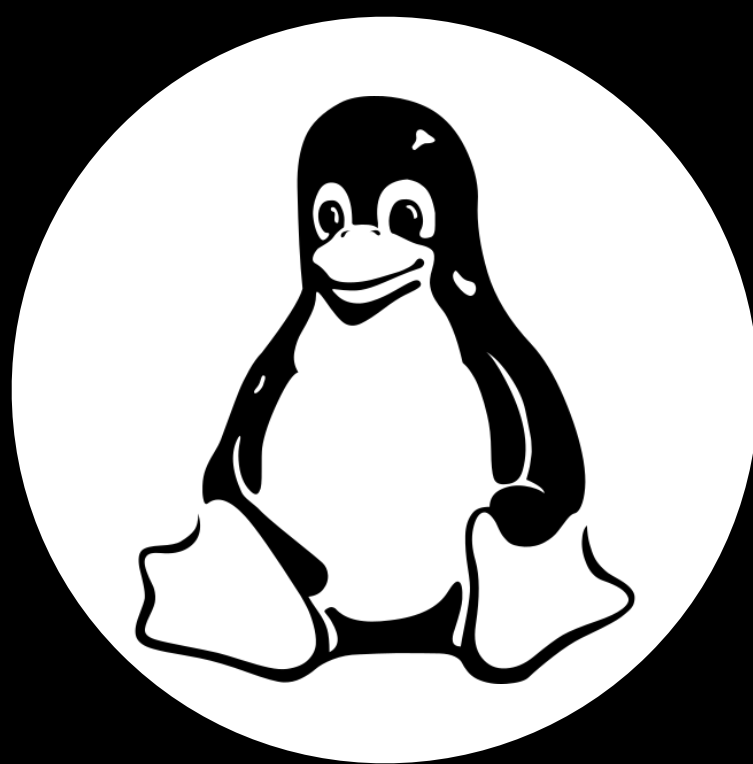
Create a folder named `data` in the same folder as `Code.exe`

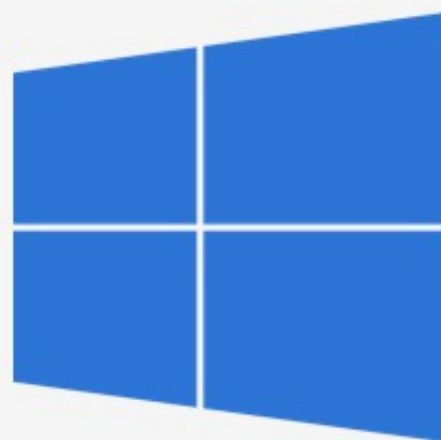
Now when you run VS Code, all your extensions & data will live in the `data` folder

Next time you update VS Code, follow the same procedure with the ZIP file

However, drag the `data` folder from the *old* installation folder (e.g., `VSCode-win32-x64-1.26.1`) into the *new* installation folder (e.g., `VSCode-win32-x64-1.27.1`)

Toss the old installation folder (e.g., `VSCode-win32-x64-1.26.1`) into the Recycle Bin





↓ Windows

Windows 7, 8, 10

User Installer	64 bit	32 bit
System Installer	64 bit	32 bit
.zip	64 bit	32 bit



↓ .deb

Debian, Ubuntu

↓ .rpm

Red Hat, Fedora, SUSE

.deb	64 bit
.rpm	64 bit
.tar.gz	64 bit

[Snap Store](#)



↓ Mac

macOS 10.10+

Want new features sooner?

Get the [Insiders build](#) instead.

[LICENSE AND PRIVACY TERMS](#)

By downloading and using Visual Studio Code, you agree to the [license terms](#) and [privacy statement](#). VS Code

A file named something like `code-stable-1567547931.tar.gz` will download

```
tar -xvzf code-stable-1567547931
```

You should now have a folder named something like `VSCode-linux-x64`

Drag that folder into your USB or cloud drive

Go into the `vSCode-linux-x64` folder

Note that to run the VS Code app, you need to run `code`

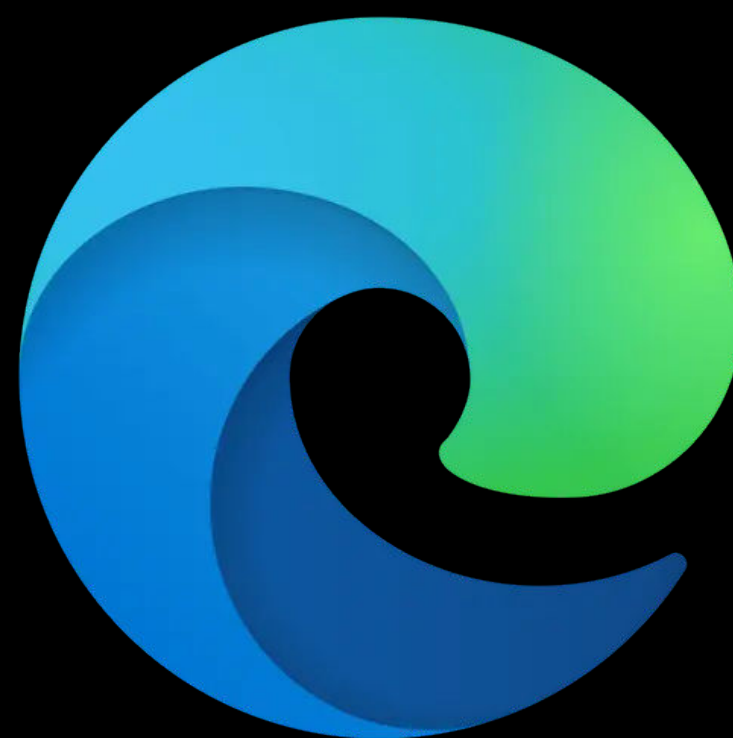
Create a folder named `data` in the same folder as `code`

Now when you run VS Code, all your extensions & data will live in the `data` folder

Next time you update VS Code, follow the same procedure with the TAR.GZ file

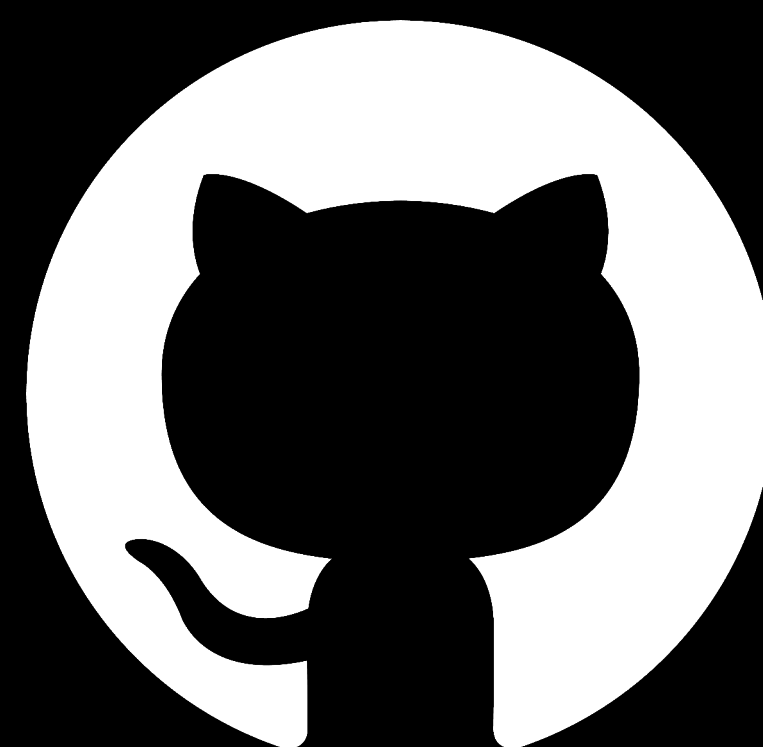
However, drag the **data** folder from the *old* installation folder into the *new* installation folder

Toss the old installation folder into the Recycle Bin



You can also run VS Code in a Web browser in 3 ways

- » Directly in a GitHub repo
- » At `vscode.dev`
- » Codespaces



1. Open a GitHub repo in your browser
2. Press . (a period)
3. Whoa!



Search or jump to...



Pull requests

Issues

Marketplace

Explore



rsgranne / granneman-tel

Public

Unwatch

Fork

Star

0

<> Code

Issues

Pull requests

Actions

Projects

Wiki

0

Settings

71 KB



main

1 branch

0 tags



Webpage for granneman.tel



rsgranne Not using <picture> or <source>...



683159b on Dec 2, 2021

8 commits



css

Not using <picture> or <source>; image ...



11 months ago



images

Reduced size of image



11 months ago



LICENSE

Added MIT License

1.05 KB

11 months ago



index.html

Switched from <picture> to

3.11 KB

11 months ago

MIT license

0 stars

1 watching

0 forks

HTML 58.9%

CSS 41.1%

Help people interested in this repository understand your project by adding a README.

Add a README



Search or jump to...

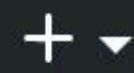


[Pull requests](#)

[Issues](#)

[Marketplace](#)

[Explore](#)



[rsgranne](#) / [granneman-tel](#)

Public

Unwatch

Fork

Star

0

Code

Issues

Pull requests

Actions

Projects

Wiki

0

Settings

71 KB



main

1 branch

0 tags



Webpage for granneman.tel



rsgranne Not using <picture> or <source> ...



683159b on Dec 2, 2021

8 commits



css

Not using <picture> or <source>; image ...



11 months ago



images

Reduced size of image



11 months ago



LICENSE

Added MIT License

1.05 KB

11 months ago



index.html

Switched from <picture> to

3.11 KB

11 months ago

MIT license

0 stars

1 watching

0 forks

HTML 58.9%

CSS 41.1%

Help people interested in this repository understand your project by adding a README.

Add a README

Completely free to every GitHub user!

vscode.dev

Version 1.73 is now available! Read about the new features and fixes from October.

BLOG POSTS

VS Code Community
Discussions

Dev Container Features

Markdown Language
Server

The VS Code Server

Dev container CLI

Moving from Local to
Remote Development

The problem with
tutorials

Custom Notebooks

vscode.dev

Webview UI Toolkit

Bracket Pair
Colorization

Notebooks

vscode.dev(!)

October 20, 2021 by Chris Dias, [@chrisdias](#)

Back in 2019, when the `.dev` top-level domain opened, we picked up `vscode.dev` and quickly parked it, pointing at our website `code.visualstudio.com` (or, if you are from the Boston area like me, we "pahked it"). Like a lot of people who buy a `.dev` domain, we had no idea what we were going to do with it. And we certainly didn't anticipate that it would end up being the fulfillment of a mission over a decade in the making.

Bringing VS Code to the browser

Fast forward to today. Now when you go to <https://vscode.dev>, you'll be presented with a lightweight version of VS Code running fully in the browser. Open a folder on your local machine and start coding.

No install required.

IN THIS BLOG POST

Bringing VS Code to the
browser

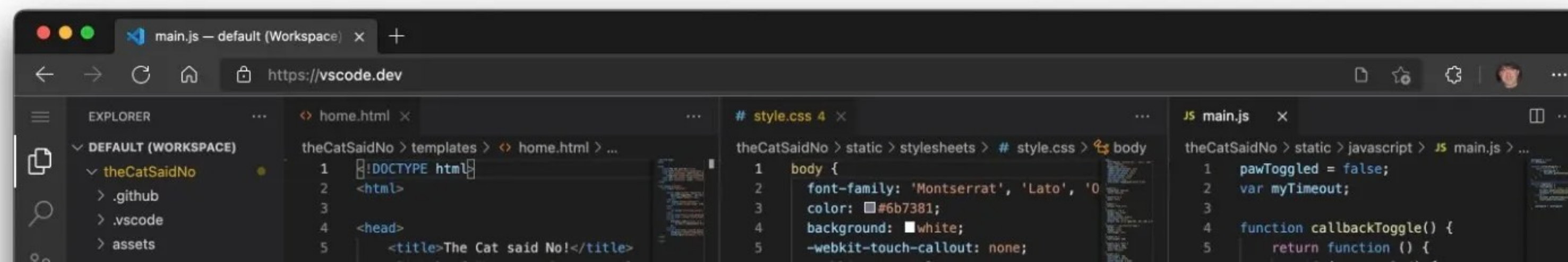
Local development with
cloud tools

Extensions

GitHub

Speaking of URLs...

Where to next?



☰

📁

🔍

🔗

🔧

📦

🖥️

👤

⚙️

EXPLORER

⋮

Get Started ×

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Open Recent

You can remotely open a repository or pull request.

Open Remote Repository

OUTLINE

TIMELINE

Start

📄

New File...

📄

Open File...

📁

Open Folder...

🔗

Open Repository...

Recent

You have no recent folders, [open a folder](#) to start.

Walkthroughs

★

Get Started with VS Code in the Web
Discover the best customizations to make VS Code in the Web yours.

★

Learn the Fundamentals
Jump right into VS Code and get an overview of the must-have features.

🎓

Boost your Productivity

✓

Show welcome page on startup

⏪

⊗ 0 ⚠️ 0

Layout: U.S.

🗿

🔔

vscode.dev, using the default dark theme

EXTENSIONS

Search Extensions in Marketplace

INSTALLED

POPULAR

RECOMMENDED

Start

New File...

Open File...

Open Folder...

Open Repository...

Recent

You have no recent folders, [open a folder](#) to start.

Walkthroughs

Get Started with VS Code in the Web

Discover the best customizations to make VS Code in the Web yours.

Learn the Fundamentals

Jump right into VS Code and get an overview of the must-have features.

Boost your Productivity

Get Started

None of my extensions are here

☒ Show welcome page on startup

≡

EXTENSIONS

🔍 ↺ ☰ ⋮

📄

🔍

🔗

🔧

📁

🖨

👤 ⚙️

Search Extensions in Marketplace

▼ **INSTALLED** 0

> **POPULAR**

> **RECOMMENDED** 5

Get Started ×

Start

📄+ New File...

📄 Open File...

📁 Open Folder...

🔗 Open Repository...

Recent

You have no recent folders, [open a folder](#) to start.

Walkthroughs

★ Get Started with VS Code in the Web

Discover the best customizations to make VS Code in the Web yours.

★ Learn the Fundamentals

Jump right into VS Code and get an overview of the must-have features.

🎓 Boost your Productivity

✓ Show welcome page on startup

Click to open the Manage menu

EXTENSIONS

Search Extensions in Marketplace

INSTALLED0

POPULAR

RECOMMENDED5

Command Palette...⌘P

Settings⌘,

Extensions⌘X

Keyboard Shortcuts⌘K ⌘S

Migrate Keyboard Shortcuts from...

Configure User Snippets

Color Theme⌘K ⌘T

File Icon Theme

Product Icon Theme

Turn on Settings Sync...

Switch to Insiders Version...

Get Started

Start

New File...

Open File...

Open Folder...

Open Repository...

Recent

You have no recent folders, [open a folder](#) to start.

Walkthroughs

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Learn the Fundamentals

Jump right into VS Code and get an overview of the must-have features.

Boost your Productivity

☒ Show welcome page on startup

EXTENSIONS

Search Extensions in Marketplace

INSTALLED

POPULAR

RECOMMENDED5

Settings Sync

Select an account to sign in

Sign in with Microsoft

Sign in with GitHub

Start

New File...

Open File...

Open Folder...

Open Repository...

Recent

You have no recent folders, [open a folder](#) to start.

Walkthroughs

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Learn the Fundamentals

Jump right into VS Code and get an overview of the must-have features.

Boost your Productivity

Show welcome page on startup

I used GitHub

EXTENSIONS

Search Extensions in Marketplace

INSTALLED

POPULAR

RECOMMENDED

Settings Sync

Please sign in to synchronize your data across devices. [Sign in & Turn on](#)

☒ Settings

☒ Keyboard Shortcuts for each platform

☒ User Snippets

☒ User Tasks

☒ Extensions

☒ UI State

New File...

Open File...

Open Folder...

Open Repository...

Recent

You have no recent folders, [open a folder](#) to start.

Get Started with VS Code in the Web

Discover the best customizations to make VS Code in the Web yours.

Learn the Fundamentals

Jump right into VS Code and get an overview of the must-have features.

Boost your Productivity

☒ Show welcome page on startup

<

0 0

Layout: U.S.



EXPLORER

OPEN EDITORS

NO

You have not yet opened a folder.

Open Folder

Open Recent

You can remotely open a repository or pull request.

Command Palette... ⌘P

Settings ⌘,

Extensions ⌘X

Keyboard Shortcuts ⌘K ⌘S

Migrate Keyboard Shortcuts from...

Configure User Snippets

Color Theme ⌘K ⌘T

File Icon Theme

Product Icon Theme

Settings Sync is On

Switch to Insiders Version...

Immediately it switches to theme I'm using on my Mac

Get Started

Start

New File...

Open File...

Open Folder...

Open Repository...

Recent

granneman-tel [GitHub] rsgranne

Walkthroughs

Get Started with VS Code in the Web
Discover the best customizations to make VS Code in the Web yours.

Learn the Fundamentals
Jump right into VS Code and get an overview of the must-have features.

Get Started with GitLens New

Introducing GitLens+ Featur... New


Boost your Productivity

☐ Show welcome page on startup

EXTENSIONS

Search Extensions in Marketplace

INSTALLED31




vscode-icons

Icons for Visual Studio Code

VSCoDe Icons Team


1ms



VSCode Great Icons

A big pack of icons (200+) for ...


Emmanuel Béziat



Theme - Seti-Monokai

Port of the Seti-Monokai color ...


SmukkeKim



shellman

Shell script snippet


Remisa



Shebang Snippets

Snippets for shebang lines for ...


Andreas Weizel



Rewrap

Hard word wrapping for comm...

stkb



Remote Development

An extension pack that lets you

Haixin Chen

✓ Installed

POPULAR

Get Started

Start

New File...

Open File...

Open Folder...

Open Repository...

Recent

granneman-tel [GitHub] rsgranne

Walkthroughs

Get Started with VS Code in the Web

Discover the best customizations to make VS Code in the Web yours.

Learn the Fundamentals

Jump right into VS Code and get an overview of the must-have features.

Get Started with GitLens

New

Introducing GitLens+ Featur...

New

Boost your Productivity

Extensions that will work on the Web show up now

☐ Show welcome page on startup

Layout: U.S.

EXPLORED

OPEN EDITORS

Get Started

Settings

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Open Recent

You can remotely open a repository or pull request.

Open Remote Repository

OUTLINE

TIMELINE

Get Started

Settings

Search settings

User

Workspace

Last synced: now

Commonly Used

Text Editor

Workbench

Window

Features

Application

Security

Extensions

Files: Auto Save

Controls auto save of editors that have unsaved changes.

afterDelay

Editor: Font Size

Controls the font size in pixels.

12

Editor: Font Family

Controls the font family.

MonoLisa, SourceCodePro, 'Source Code Pro', Menlo, Cons...

Editor: Tab Size (Also modified elsewhere)

equal to. This setting is overridden based on the file

entation is on.

Let's check Settings...

EXPLORER

OPEN EDITORS

Get Started

Settings

settings.json

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Open Recent

You can remotely open a repository or pull request.

Open Remote Repository

OUTLINE

TIMELINE

User > settings.json > ...

1

[{

2

// Specifies the style of the

3

gravatar default (fallback)

4

images

5

// - identicon: A geometric

6

pattern

7

// - mp: A simple,

8

cartoon-style silhouetted

9

outline of a person (does not

10

vary by email hash)

11

// - monsterid: A monster with

12

different colors, faces, etc

13

// - retro: 8-bit arcade-style

14

pixelated faces

15

// - robohash: A robot with

16

different colors, faces, etc

17

// - wavatar: A face with

18

differing features and

19

backgrounds

20

"gitlens.

21

defaultGravatarsStyle":

22

"robohash",

23

// Specifies whether the file

24

// - null: Shows a menu to

25

choose which file annotations

26

editor.linkedEditing: true,

27

// "editor.minimap.enabled":

28

false,

29

"editor.multiCursorModifier":

30

"ctrlCmd",

31

"editor.padding.bottom": 25,

32

"editor.padding.top": 25,

33

"editor.quickSuggestions": {

34

"other": true,

35

"comments": true,

36

"strings": true

37

},

38

"editor.quickSuggestionsDelay":

39

20,

40

"editor.renderWhitespace":

41

"selection",

42

"editor.snippetSuggestions":

43

"bottom",

44

//"editor.stickyScroll.enabled":

45

true,

46

"editor.tabSize": 2,

47

"editor.wordWrap": "on",

48

"editor.wrappingIndent":

49

"indent",

50

"emmet.excludeLanguages": [],

51

"emmet.includeLanguages": {

52

"markdown": "html"

53

},

54

"emmet.preferences": {

55

"format.

56

forceIndentationForTags": [

57

"address",

58

]

& there all of mine are!

EXPLORER

OPEN EDITORS

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Open Recent

You can remotely open a repository or pull request.

Open Remote Repository

OUTLINE

TIMELINE



- Show All Commands ⌘⇧P
- Go to File ⌘P
- Find in Files ⌘⇧F
- Toggle Full Screen ⌘⇧F
- Show Settings ⌘,

EXPLORED

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Open Remote Repository

OUTLINE

TIMELINE

Opening Local Folders is Unsupported

Your browser doesn't support opening local folders.
You can either open single files or open a remote repository.

Learn More

Open Files...

Open Remote...

EXPLORER

✓ OPEN EDITORS

✓ NO FOLDER OPENED

You have not yet opened a folder.

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> OUTLINE

> TIMELINE

ⓘ

Opening Local Folders is Unsupported

Your browser doesn't support opening local folders.
You can either open single files or open a remote repository.

Learn More Open Files... Open Remote...

Try very hard not to open single files — VS Code wants you to work on projects/folders

EXPLORED

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Open Remote Repository

> OUTLINE

> TIMELINE

Download Visual Studio Code

Connect to Tunnel...

Remote-Tunnels

Get Started with VS Code Tunnels

Open Remote Repository...

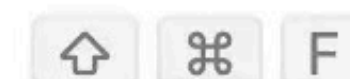
Remote Repositories

[Show All Commands](#)

Go to File



Find in Files



Toggle Full Screen



Show Settings





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Remote-Tunnels

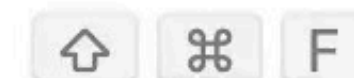
Remote Repositories

[Show All Commands](#)

Go to File



Find in Files



Toggle Full Screen



Show Settings



Version 1.73 is now available! Read about the new features and fixes from October.

Overview

SETUP

GET STARTED

USER GUIDE

SOURCE
CONTROL

TERMINAL

LANGUAGES

NODE.JS /
JAVASCRIPT

TYPESCRIPT

PYTHON

JAVA

C++

CONTAINERS

DATA SCIENCE

Visual Studio Code Server

Edit

The Visual Studio Code Server is a service you can run on a remote development machine, like your desktop PC or a virtual machine (VM). It allows you to securely connect to that remote machine from anywhere through a `vscode.dev` URL, without the requirement of SSH.

What is the VS Code Server?

In VS Code, we want users to seamlessly leverage the environments that make them the most productive. The [VS Code Remote Development extensions](#) allow you to work in the Windows Subsystem for Linux (WSL), remote machines via SSH, and dev containers directly from VS Code. These extensions install a server on the remote environment, allowing local VS Code to smoothly interact with remote source code and runtimes.

We are now providing a standalone "VS Code Server," which is a service built off the same underlying server used by the remote extensions, plus some additional functionality, like an interactive CLI and facilitating secure connections to `vscode.dev`.

IN THIS ARTICLE

What is the VS Code Server?

Architecture

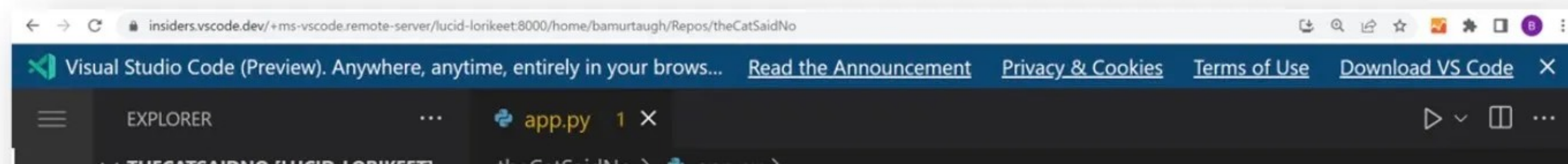
Scenarios

Quick Start

Things to try

Telemetry

Common Questions



Version 1.73 is now available! Read about the new features and fixes from October.

Overview

Visual Studio Code Server

Edit

SETUP

GET STARTED

USER GUIDE

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NODE.JS

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IN THIS ARTICLE

What is the VS Code Server?

Architecture

Scenarios

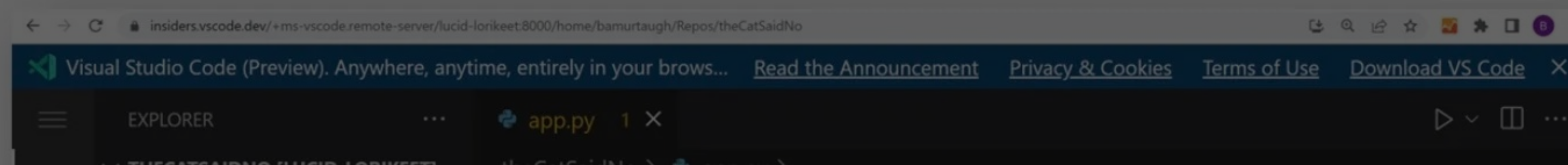
Quick Start

Things to try

Security

Common Questions

“The Visual Studio Code Server is a service you can run on a remote development machine, like your desktop PC or a virtual machine (VM). It allows you to securely connect to that remote machine from anywhere through a `vscode.dev` URL, without the requirement of SSH.”





EXPLORER

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You can remotely open a repository or pull request.

Open Remote Repository

> OUTLINE

> TIMELINE

Download Visual Studio Code

Connect to Tunnel...

Remote-Tunnels

Get Started with VS Code Tunnels

Open Remote Repository...

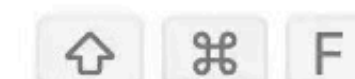
Remote Repositories

[Show All Commands](#)

Go to File



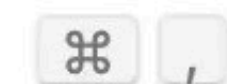
Find in Files



Toggle Full Screen



Show Settings



EXPLORED

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You can remotely open a repository or pull request.

Open Remote Repository

OUTLINE

TIMELINE

Open Remote Repository

Enter a remote url, or select a remote provider

Open Repository from GitHub

Open Pull Request from GitHub

Open Repository from Azure Repos

remote sources

Sign in to GitHub...

Show All Commands

Go to File

Find in Files

Toggle Full Screen

Show Settings

⌘ P

⌘ P

⌘ F

⌘ F

⌘ ,



EXPLORER

OPEN EDITORS

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Open Recent

You can remotely open a repository pull request.

Open Remote Repository

OUTLINE

TIMELINE

Choose a repository

websanity/ws-components https://github.com/websanity/ws-components

rsgranne/herbert-west granneman-wustl/herbert-west

Main project for WUSTL Web Dev course

websanity/c5pkg-pfems https://github.com/websanity/c5pkg-pfems

Added Concrete5 functionality for pfems.org

websanity/ws-concrete5 https://github.com/websanity/ws-concrete5

WebSanity custom packages for Concrete5 CMS

rsgranne/zoom-zoom-130-brackets-extension dustin-archive/zoom-zoom-br...

Zoom zoom the sidebar 130%.

rsgranne/grannepack-html https://github.com/rsgranne/grannepack-html

HTML-related Visual Studio Code extensions for Scott Granneman's Web Dev courses

websanity/ws-tech https://github.com/websanity/ws-tech

Show All Commands P

Go to File P

Find in Files F

Toggle Full Screen F

Show Settings ,



> TIMELINE

"****We couldn't be any more pleased**** with the appearance and workmanship of the job you completed for us. It all integrates so well that one person didn't notice we had landscaping recently done: they

[illegible]

☰

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⚙️

SOURCE CONTROL

☑

🔗

☑

🔄

⋮

Message (Ctrl+Enter to commit and p...

Your changes will be committed and immediately pushed to the 'main' branch on GitHub. Don't show again

> COMMITS

> COMMIT DETAILS

> FILE HISTORY

> BRANCHES

> REMOTES

> TAGS

Get Started

index.html

index.html > html > body > nav > a > svg

21</svg> services | Projects | Products | Tips | Contact

22</nav>

23

24<main>

25

26

27

28<h1>

29Herbert West Landscaping:

30
<small>We deliver so dreams come true!</small>

31</h1>

32

33<h2>Testimonials</h2>

34

35<h3>The Moore Family</h3>

36<blockquote>

37<p>

38“It looks even better than I imagined. You did everything that you stated you would do, when you stated you would do it, and went above and beyond to ensure the job was perfect. I am very grateful for your honesty, integrity, and skills. And that the wild Shoggoths only ate one of our dogs.”

39</p>

40</blockquote>

41

42<h3>The Jones Family</h3>

43<blockquote>

44<p>

45“We couldn't be any more pleased with the appearance and workmanship of the job you completed for us. It all integrates so well that one person didn't notice we had landscaping

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44<p>

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GitHub

main

🔄

🔗

⊗ 0 ⚠ 0

📶 You, 7 months ago

Ln 14, Col 37

Spaces: 2

UTF-8

LF

HTML

Layout: U.S.

🔍

🔔

“Your changes will be committed and immediately pushed to the ‘main’ branch on GitHub.”

SOURCE CONTROL

Get Started

index.html

Navigation icons: back, forward, search, etc.

SOURCE CONTROL

Icons for source control actions: commit, push, pull, etc.

Message (Ctrl+Enter to commit and p...

Your changes will be committed and immediately pushed to the 'main' branch on GitHub. Don't show again

index.html > html > body > nav > a > svg

```
21      </svg></a> <a href="/services/">services</a> | <a href="/projects/">Projects</a> | <a href="/products/">Products</a> | <a href="/tips/">Tips</a> | <a href="/contact/">Contact</a>
22    </nav>
23
24    <main>
25
26      
28
29      <h1>
30        Herbert West Landscaping:
31        <br><small>We deliver so dreams come true!</small>
32      </h1>
33
34      <h2>Testimonials</h2>
35
36      <h3>The Moore Family</h3>
37      <blockquote>
38        <p>
39          “<b>It looks even better than I imagined.</b> You did everything
40            that you stated you would do, when you stated you would do it,
41            and went above and beyond to ensure the job was perfect. I am
42            very grateful for your honesty, integrity, and skills. And
43            that the wild Shoggoths only ate one of our dogs.”
44        </p>
45      </blockquote>
46
47      <h3>The Jones Family</h3>
48      <blockquote>
49        <p>
50          “<b>We couldn't be any more pleased</b> with the appearance and
51            workmanship of the job you completed for us. It all integrates
52            so well that one person didn't notice we had landscaping
```

> COMMITS

> COMMIT DETAILS

> FILE HISTORY

> BRANCHES

> REMOTES

> TAGS

GitHub main 0 0

You, 7 months ago Ln 14, Col 37 Spaces: 2 UTF-8 LF HTML Layout: U.S.

`vscode.dev` is completely free

Codespaces



Search or jump to...



[Pull requests](#)

[Issues](#)

[Marketplace](#)

[Explore](#)



Features

[Actions](#)

[Packages](#)

[Security](#)

[Codespaces](#)

[Copilot](#)

[Code review](#)

[Search](#)

[Issues](#)

[Discussions](#)

Start coding **instantly** with Codespaces

Spin up fully configured dev environments in the cloud that start in seconds
with up to 60 hours a month free.

[Get started for free >](#)

[Plans and pricing >](#)



Code from any device

Want to code on an iPad? Go for it. You can spin up Codespaces from any device with internet access. And forget about worrying if your device is powerful enough. Codespaces lives in the cloud.



Model, train, and analyze data

Run Jupyter notebooks right from Codespaces. Now data scientists and developers can code, develop models, and collaborate in powerful compute environments that spin up in seconds.



Onboard at the speed of light

No more building your dev environment while you onboard. Codespaces starts instantly from any repository on GitHub with pre-configured, secure environments. It's as easy as clicking a button.



Fix bugs and secure code right from an issue

Get an issue detailing a bug or security issue in your code? Open Codespaces right from the issue to get to work without waiting for your dev environment to load.

Personalized just how you like it ✨

Tabs vs. spaces, Monokai, Solarized, light dark, Prettier, or Beautify? It's up to you. Control every nerdy detail only you care about with your own dotfiles repository.



IntelliCode



ES Lint



Prettier



Live Server



Live Share



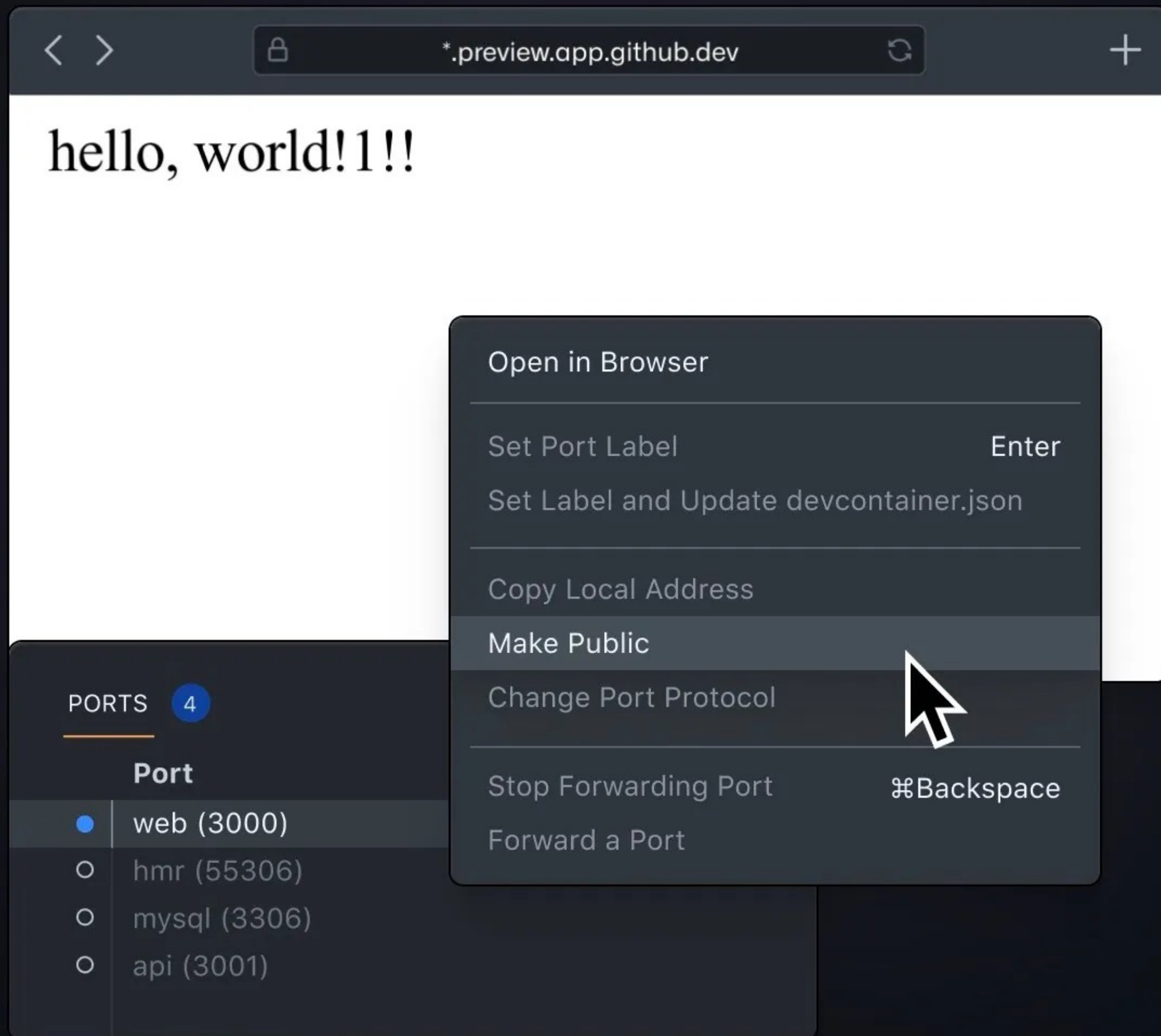
Docker



GitLens



**Debugger for
Java**



Browser preview and port forwarding

Preview your changes in the browser with instant reloads (websocket and HMR support) and share private and public ports with your teammates.

Review port forwarding docs >

✓ **Isolated environments**

✓ **Access Control**

✓ **Cost control**

Secure by design

Every Codespaces environment is hardened by default and lives in its own ephemeral VM, in an isolated virtual network. Your code and private networks can only be accessed by authenticated users.

“Codespaces is available for free for individual use for up to 60 hours a month and comes with simple, pay-as-you-go pricing afterwards.”

Get up to 60 hours free each month

Decide how many cores you need and go. Your free hours reset each month.

2 cores	60 hours free /month	\$0.18 /additional hour
4 cores	30 hours free /month	\$0.36 /additional hour
8 cores	15 hours free /month	\$0.72 /additional hour
16+ cores	N/A	See pricing docs

Storage	15 GB free /month	\$0.07 /GB per month
---------	-------------------	----------------------



GitHub Codespaces

Your instant dev environment.



Project requirements

Codespaces can scale to the complexity of your project requirements. Select the machine size that best suits your work:



2 cores, 4GB RAM

Static web apps, small databases, commandline applications

\$0.18

/hr



4 core, 8GB RAM

Dynamic web apps, relational databases, analytics

\$0.36

/hr



8 core, 16GB RAM

Multi-container applications, content management systems

\$0.72

/hr



16 core, 32GB RAM

Compute-intensive database workloads, complex web apps

\$1.44

/hr



32 core, 64GB RAM

Compute-intensive applications (AI and deep learning)

\$2.88

/hr

☐ **16 core, 32GB RAM** **\$1.44**

Compute-intensive database workloads, complex web apps /hr

☐ **32 core, 64GB RAM** **\$2.88**

Compute-intensive applications (AI and deep learning) /hr

Weekly developer usage

With Codespaces, you only pay for active usage; you are not billed for suspended instances.

Number of developers

1

Weekly usage per developer

20

hours

Storage usage

Your Codespace is stored when not in active use, making it easy to resume work on reconnecting. Storage costs are \$0.07/GiB/mo.

Stored codespaces

5

/dev

Average project size

1

GB

Cost per month **\$15.95**

Cost per developer per month \$15.95

Command Palette

⌘P/Ctrl+P lets you navigate to any file in the project by typing its name

EXPLORER

OPEN EDITORS 2 UNSAVED

- User Settings ~/Lib
- index.html
- main.css css

OASIS-STAR-WARS-BOOTSTRAP

- css
 - bootstrap-theme
 - bootstrap.css
 - main.css
- fonts
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
 - glyphicons-halflings-regula...
- images
- js
 - bootstrap.js
 - jquery.js
 - main.js
 - npm.js
- config.codekit

MARK JUMP

Type '?' to get help on the actions you can take from here

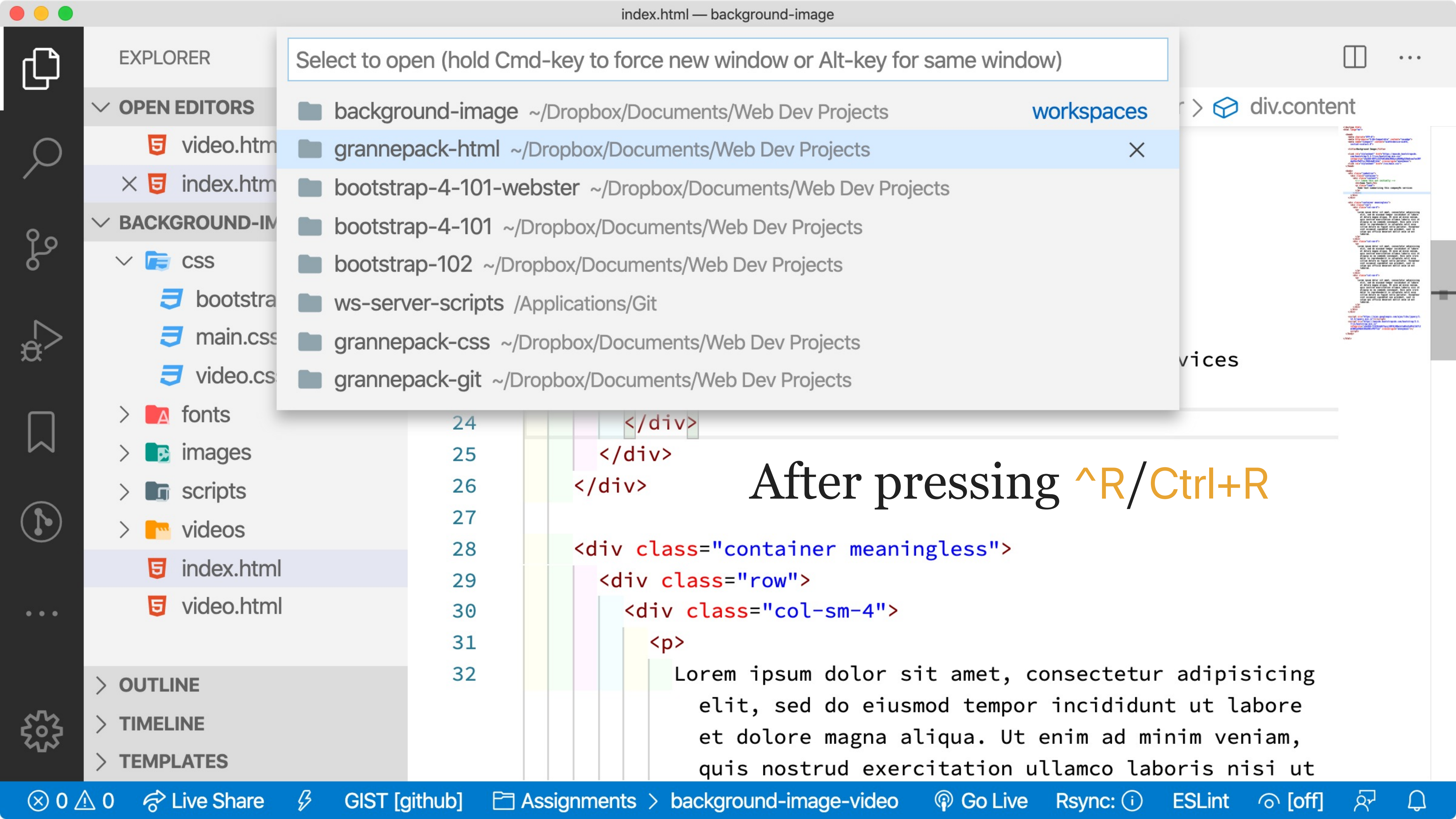
index.html recently opened

- html.json ~/Library/Application Support/Code/User/snippets
- scss.json ~/Library/Application Support/Code/User/snippets
- css.json ~/Library/Application Support/Code/User/snippets
- main.css css
- User Settings ~/Library/Application Support/Code/User
- temp.html

⌘P / Ctrl+P

```
12 <div class="row">
13   <div class="col-xs-12">
14     <h1 class="">Star Wars Character Creator</h1>
15
16     <fieldset>
17       <legend>Name Your Character</legend>
18       <div class="form-group">
19         <!--<h2 class="h3">Name Your Character</h2>-->
20         <form>
21           <input type="text" maxlength="75" class="form-c
22             placeholder="New Name">
23         </form>
24       </div>
25     </fieldset>
```


^R/Ctrl+R opens a list of recently opened folders & files
in the Command Palette



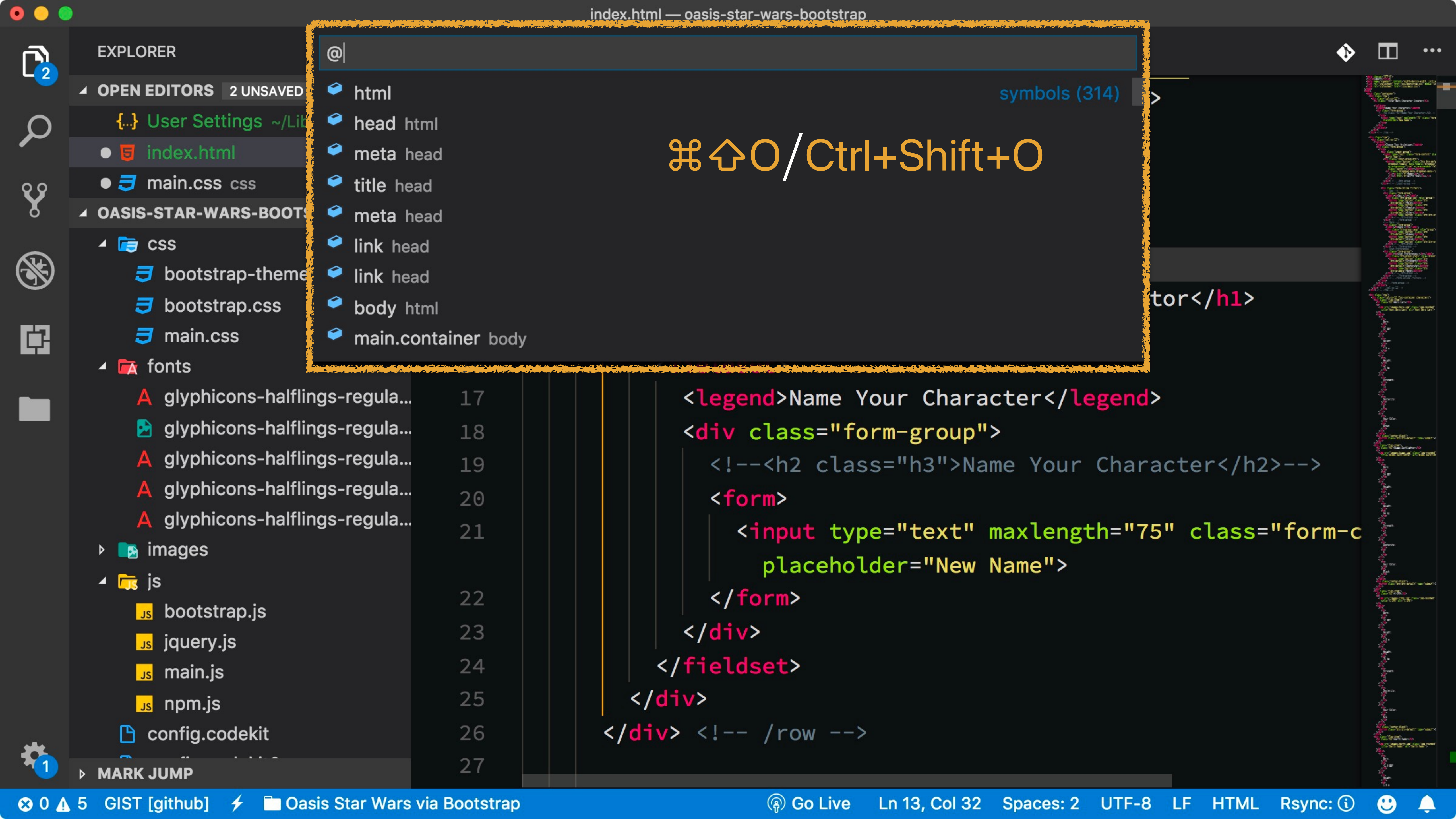
Select to open (hold Cmd-key to force new window or Alt-key for same window)

- background-image ~/Dropbox/Documents/Web Dev Projects workspaces
- grannepack-html ~/Dropbox/Documents/Web Dev Projects X
- bootstrap-4-101-webster ~/Dropbox/Documents/Web Dev Projects
- bootstrap-4-101 ~/Dropbox/Documents/Web Dev Projects
- bootstrap-102 ~/Dropbox/Documents/Web Dev Projects
- ws-server-scripts /Applications/Git
- grannepack-css ~/Dropbox/Documents/Web Dev Projects
- grannepack-git ~/Dropbox/Documents/Web Dev Projects

After pressing **^R/Ctrl+R**

```
24 </div>
25 </div>
26 </div>
27
28 <div class="container meaningless">
29   <div class="row">
30     <div class="col-sm-4">
31       <p>
32       Lorem ipsum dolor sit amet, consectetur adipisicing
        elit, sed do eiusmod tempor incididunt ut labore
        et dolore magna aliqua. Ut enim ad minim veniam,
        quis nostrud exercitation ullamco laboris nisi ut
```

⌘⇧O / Ctrl+Shift+O lets you use the Command Palette to jump to a specific symbol in a file



2

EXPLORER

OPEN EDITORS 2 UNSAVED

User Settings ~/Lib

index.html

main.css css

OASIS-STAR-WARS-BOOT

css

bootstrap-theme

bootstrap.css

main.css

fonts

glyphicons-halflings-regula... 58

glyphicons-halflings-regula... 59

glyphicons-halflings-regula... 60

glyphicons-halflings-regula... 61

glyphicons-halflings-regula... 61

images

js

bootstrap.js 62

jquery.js 63

main.js 64

npm.js 65

config.codekit 66

MARK JUMP

index.html — oasis-star-wars-bootstrap

@|

form div.form-group

input.form-control form

div.row main.container

div.col-xs-12 div.row

fieldset div.col-xs-12

legend fieldset

div.form-group fieldset

form div.form-group

div.input-group form

ss="btn

ton>

ss="btn

ton>

ss="btn btn-prim

⌘ ↵ O / Ctrl+Shift+O

<label>Race:</label>

<div class="btn-group race" role="group">

<button type="button" class="btn

btn-default">Human</button>

<button type="button" class="btn

btn-default">Droid</button>

<button type="button" class="btn btn-prim

</div> <!-- /btn-group -->

</div> <!-- /form-group -->

<!-- Stat Preferences -->

<div class="form-group">

<label>Stat Preferences:</label>

0 5 GIST [github] ⚡ Oasis Star Wars via Bootstrap

Go Live Ln 15, Col 11 Spaces: 2 UTF-8 LF HTML Rsync: ⓘ

2

EXPLORER

OPEN EDITORS 2 UNSAVED

User Settings ~/Lib

index.html

main.css css

OASIS-STAR-WARS-BOOT

css

bootstrap-theme

bootstrap.css

main.css

fonts

glyphicons-halflings-regula...

glyphicons-halflings-regula...

glyphicons-halflings-regula...

glyphicons-halflings-regula...

glyphicons-halflings-regula...

images

js

bootstrap.js

jquery.js

main.js

npm.js

config.codekit

MARK JUMP

index.html — oasis-star-wars-bootstrap

@div.form

div.form-group fieldset symbols (6)

div.form-group fieldset

div.form-group div.form-inline.filters

div.form-group div.form-inline.filters

div.form-group div.form-inline.filters

div.form-inline.filters form

14

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16

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25

26

27

<h1 class="">Star Wars Character Creator</h1>

<fieldset>

<legend>Name Your Character</legend>

<div class="form-group">

<!--<h2 class="h3">Name Your Character</h2>-->

<form>

<input type="text" maxlength="75" class="form-c

placeholder="New Name">

</form>

</div>

</fieldset>

</div>

</div> <!-- /row -->

⌘ ⏏ / Ctrl+Shift+O

0 5

GIST [github]

Oasis Star Wars via Bootstrap

Go Live

Ln 15, Col 11

Spaces: 2

UTF-8

LF

HTML

Rsync: ⓘ

🌱

🔔



EXPLORER

OPEN EDITORS 2 UNSAVED

{...} User Settings ~/Lib

● index.html

● main.css css

OASIS-STAR-WARS-BOOTSTRAP

css

bootstrap-theme

bootstrap.css

main.css

fonts

A glyphsicons-halfings-regula...

glyphsicons-halfings-regula...

A glyphsicons-halfings-regula...

A glyphsicons-halfings-regula...

A glyphsicons-halfings-regula...

images

js

JS bootstrap.js

JS jquery.js

JS main.js

JS npm.js

config.codekit

MARK JUMP

@

symbols (21)

⌘⇧O / Ctrl+Shift+O

body

.btn

.form-control

.form-control

.center-block

.filters

.filters > div:not(:first-child)

:first-child

.filters > div:not(:first-child)

```
10 | height: 36px;
11 | }
12 |
13 | .center-block {
14 |   text-align: center;
15 | }
16 |
17 | /*****/
18 | /* RSG */
19 | /*****/
20 |
21 | /* Filters */
```




EXPLORER



OPEN EDITORS 2 UNSAVED

{...} User Settings ~/Lib

● index.html

● main.css css

OASIS-STAR-WARS-BOOT

css

bootstrap-theme.css

bootstrap.css

main.css

fonts

A glyphs-halflings-regula...

A glyphs-halflings-regula...

A glyphs-halflings-regula...

A glyphs-halflings-regula...

A glyphs-halflings-regula...

images

js

JS bootstrap.js

JS jquery.js

JS main.js

JS npm.js

config.codekit

MARK JUMP

@.fil|

.filters

symbols (6)

.filters .form-group .btn-group

.filters .form-group label

.filters .form-group:first-child label

.filters > div:not(:first-child)

.filters > div:not(:first-child)

⌘⇧O / Ctrl+Shift+O

19 /*****/

20

21 /* Filters */

22

23 .filters {

24 margin-top: 20px;

25 }

26

27 .filters > div:not(:first-child) {

28 margin-left: 30px; /* Space separator for horizontal form */

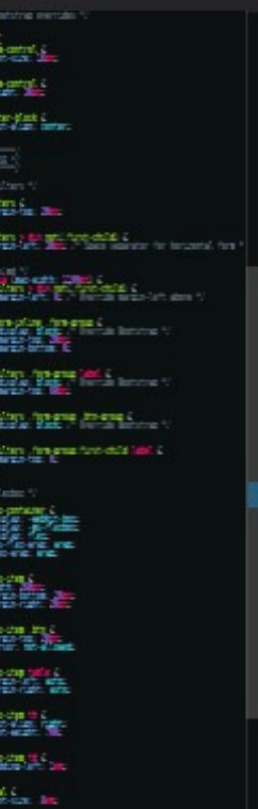
29 }

30

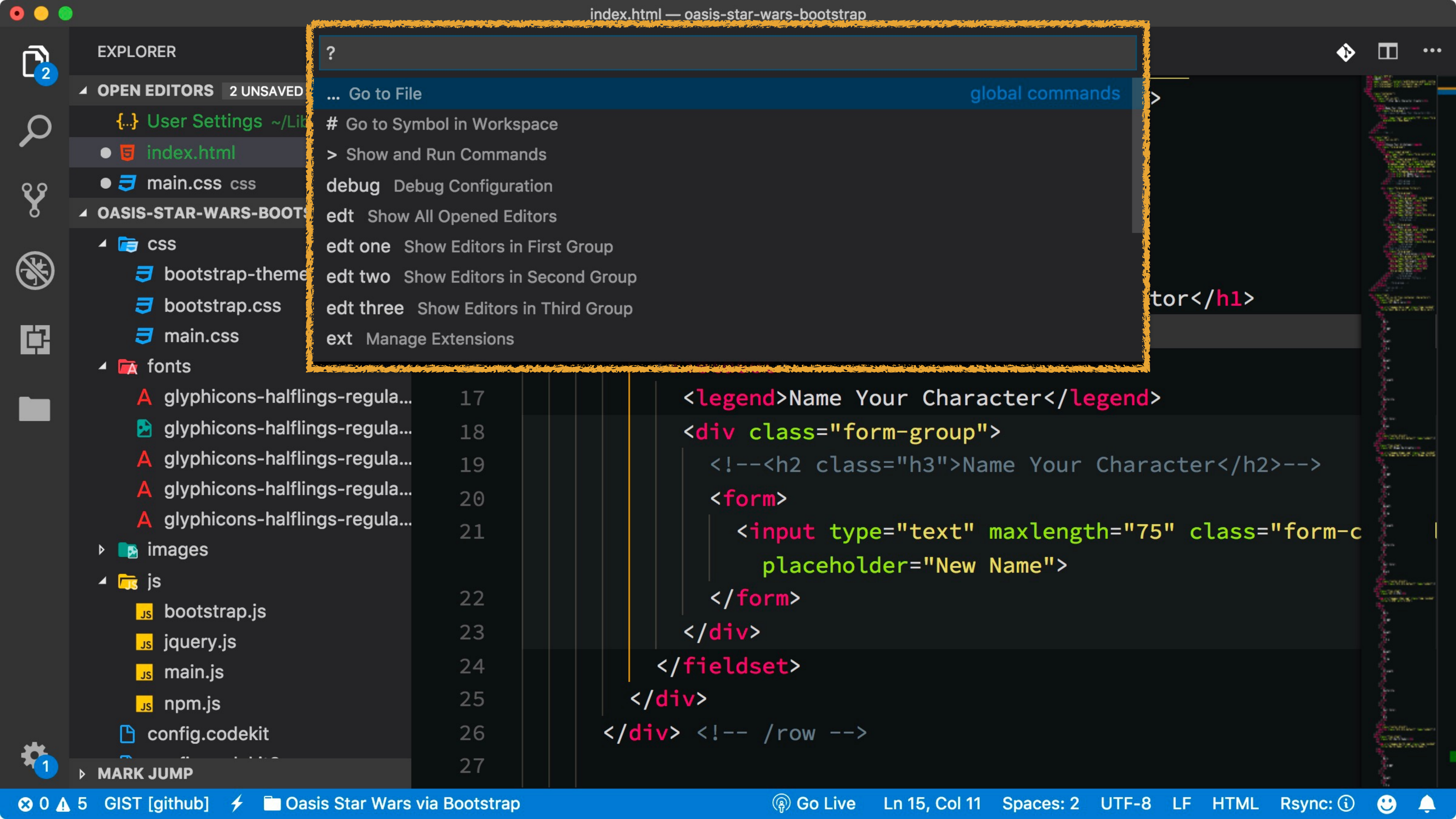
31 /* xs-md */

32 @media (max-width: 1199px) {

33 .filters > div:not(:first-child) {



? shows you a list of available commands for VS Code itself, *not the editor*



EXPLORER

OPEN EDITORS 2 UNSAVED

User Settings ~/Lib

index.html

main.css css

OASIS-STAR-WARS-BOOTSTRAP

css

bootstrap-theme

bootstrap.css

main.css

fonts

glyphicons-halflings-regula... 17

glyphicons-halflings-regula... 18

glyphicons-halflings-regula... 19

glyphicons-halflings-regula... 20

glyphicons-halflings-regula... 21

images

js

bootstrap.js 22

jquery.js 23

main.js 24

npm.js 25

config.codekit 26

MARK JUMP

?

... Go to File global commands

Go to Symbol in Workspace

> Show and Run Commands

debug Debug Configuration

edt Show All Opened Editors

edt one Show Editors in First Group

edt two Show Editors in Second Group

edt three Show Editors in Third Group

ext Manage Extensions

```
<legend>Name Your Character</legend>
<div class="form-group">
  <!--<h2 class="h3">Name Your Character</h2>-->
  <form>
    <input type="text" maxlength="75" class="form-c
      placeholder="New Name">
  </form>
</div>
</fieldset>
</div>
</div> <!-- /row -->
```

Snippets

You create different snippets for different languages

🍏: Code > Preferences > Configure User Snippets

⌘: File > Preferences > Configure User Snippets

Select the language in the Command Palette

A JSON-formatted file named `[language].json` opens



▼ OPEN EDIT... 2

-  index.htm

-  [emmet.ht](http://emmet.io)

✓ STAR-WARS-BOC

▼ CSS



>  fonts

>  images

js

 main.js [emmet.ht](https://emmet.io)

> OUTLINE

> TEMPLATES

css.json (CSS)

html.json (HTML)

scss.json (SCSS)

shellscrip.json (Shell Script)

New Global Snippets file...

New Snippets file for 'star-wars-bootstrap'...

bat (Batch)

C (C)

closure (Closure)

coffeescript (CoffeeScript)

cpp (C++)

csharp (C#)

diff (Diff)

dockerfile (Dockerfile)

fsharp (F#)

git-commit (Git Commit Message)

git-rebase (Git Rebase Message)

go (Go)

groovy (Groovy)

Existing Snippets

New Snippets

div.col-xs-12 > p

 $\eta_2 \rightarrow \dots \rightarrow$

```
w Name">
```




...



⊗ 0

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

```
"description": [
  "<ol>: Ordered list",
  "indented"
],
"Ordered List with List Items": {
  "prefix": "ol+",
  "body": [
    "<ol>",
    "\t<li>${1}</li>",
    "\t<li>${2}</li>",
    "\t<li>${3}</li>${4}",
    "</ol>${0}"
  ],
  "description": [
    "<ol><li>: Ordered list & 3 list",
    "items, indented"
  ],
},
"Paragraph": {
  "prefix": "p",
```

```
<ol>  
  <li></li>  
  <li></li>  
  <li></li>  
</ol>
```


Everything in the *Snippets* section after this is not needed if you install the GrannePack Web Dev Snippets extension

`marketplace.visualstudio.com/items?
itemName=granneman.grannepack-html`

I've already prepared `html.json` for you to use



416 lines as of March 25, 2022

🍏: Code > Preferences > Configure User Snippets

⌘: File > Preferences > Configure User Snippets

Type `html` & select it in the Command Palette

A JSON-formatted file named `html.json` opens

Go to <https://chnsa.ws/16e>

Click the Raw button

On the following page, press ⌘A/Ctrl+A to select all of the code

Press ⌘C/Ctrl+C to copy the snippet code (everything from — & including! — the first { to the last })

Go back to VS Code & click in `html.json`

Select all of the content in `html.json` by pressing `⌘A`/
`Ctrl+A`

Paste the snippets you copied with `⌘V`/`Ctrl+V`, overwriting
what was there

Save what you just pasted in by pressing `⌘S`/`Ctrl+S`

Close `html.json` by clicking the `×` on its tab or by pressing
`⌘W`/`Ctrl+W`

I've also already prepared `css.json` for you to use



61 lines as of July 20, 2022

🍏: Code > Preferences > Configure User Snippets

⌘: File > Preferences > Configure User Snippets

Type `css` & select it in the Command Palette

A JSON-formatted file named `css.json` opens

Go to <https://chnsa.ws/1bo>

Click the Raw button

On the following page, press ⌘A/Ctrl+A to select all of the code

Press ⌘C/Ctrl+C to copy the snippet code (everything from — & including! — the first { to the last })

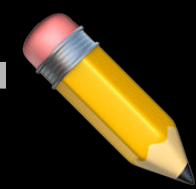
Go back to VS Code & click in `css.json`

Select all of the content in `css.json` by pressing `⌘A/Ctrl+A`

Paste the snippets you copied with `⌘V/Ctrl+V`, overwriting what was there

Save what you just pasted in by pressing `⌘S/Ctrl+S`

Close `css.json` by clicking the `×` on its tab or by pressing `⌘W/Ctrl+W`



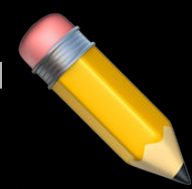
SIDE NOTE

Only needed if you're in my CSS course

I've also already prepared `scss.json` for you to use



32 lines as of September 11, 2019



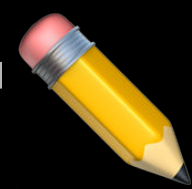
SIDE NOTE

🍏: Code > Preferences > User Snippets

⌘: File > Preferences > User Snippets

Type **scss** & select it in the Command Palette

A JSON-formatted file named **scss.json** opens



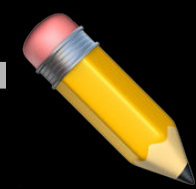
SIDE NOTE

Go to <https://chnsa.ws/1bx>

Click the Raw button

On the following page, press ⌘A/Ctrl+A to select all of the code

Press ⌘C/Ctrl+C to copy the snippet code (everything from — & including! — the first { to the last })



SIDE NOTE

Go back to VS Code & click in `scss.json`

Select all of the content in `scss.json` by pressing ⌘A/
Ctrl+A

Paste the snippets you copied with ⌘V/Ctrl+V, overwriting what was there

Save what you just pasted in by pressing ⌘S/Ctrl+S

Close `scss.json` by clicking the × on its tab or by pressing ⌘W/Ctrl+W

Extensions

Project Templates



cantonios

Project Templates allows you to create entire projects from folders containing pre-made files & folders



EXPLORER



✓ OPEN EDITORS

✕ index.html

✓ TEST



✓ css

main.css

✓ fonts

✓ images

✓ js

index.html



> OUTLINE

> TEMPLATES

index.html



index.html > ...

```
1  <!doctype html>
2  <html lang="en">
3
4      <head>
5          <meta charset="UTF-8">
6          <title>Untitled Document</title>
7          <link rel="stylesheet" href="/css/main.css">
8      </head>
9
10     <body>
11
12
13
14     </body>
15
16 </html>
17
```

Start by creating a folder & setting up the files & folders for a brand new project



⊗ 0 ⚠ 0

Live Share

GIST [github]

W3C validation

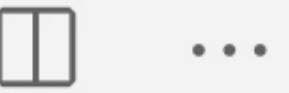
No project

Rsync: ⓘ

✓ ESLint

[off]





EXPLORER

>save project|

OPEN EDITORS

Project: **Save Project** as Template

X index.html

TEST

css

main.css

fonts

images

js

index.html

> OUTLINE

> TEMPLATES

```
1  <!doctype html>
2  <html lang="en">
3
4  <head>
5    <meta charset="UTF-8">
6    <title>Untitled Document</title>
7    <link rel="stylesheet" href="/css/main.css">
8  </head>
9
10 <body>
11
12
13
14 </body>
15
16 </html>
17
```

Open Command Palette
with **⌘⇧P** / **Ctrl+Shift+P** &
select *Save Project as
Template*



0 0

Live Share

GIST [github]

W3C validation

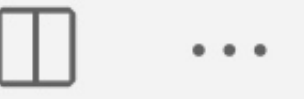
No project

Rsync: ⓘ

✓ ESLint

[off]





EXPLORER

✓ OPEN EDITORS

✕  index.htm

✓ TEST


✓  css main.css✓  fonts✓  images✓  js index.html

> OUTLINE

> TEMPLATES

html-5

Please enter the desired template name (Press 'Enter' to confirm or 'Escape' to cancel)



```
1  <!doctype html>
2  <html lang="en">
3
4      <head>
5          <meta charset="UTF-8">
6          <title>Untitled Document</title>
7          <link rel="stylesheet" href="/css/main.css">
8      </head>
9
10     <body>
11
12
13
14     </body>
15
16 </html>
17
```

Enter a name for your
project template



⊗ 0 ⚠ 0

 Live Share GIST [github] W3C validation No project

Rsync: ⓘ

✓ ESLint

⌂ [off]





EXPLORER



OPEN EDITORS

✕ index.html

TEST



✓ css

main.css

✓ fonts

✓ images

✓ js

index.html



> OUTLINE

> TEMPLATES

index.html



index.html > ...

```
1  <!doctype html>
2  <html lang="en">
3
4      <head>
5          <meta charset="UTF-8">
6          <title>Untitled Document</title>
7          <link rel="stylesheet" href="/css/main.css">
8      </head>
9
10     <body>
11
12
13
14     </body>
15
16 </html>
17
```

You can now delete
the folder you used to
create your project
template



⊗ 0 ⚠ 0

Live Share

GIST [github]

W3C validation

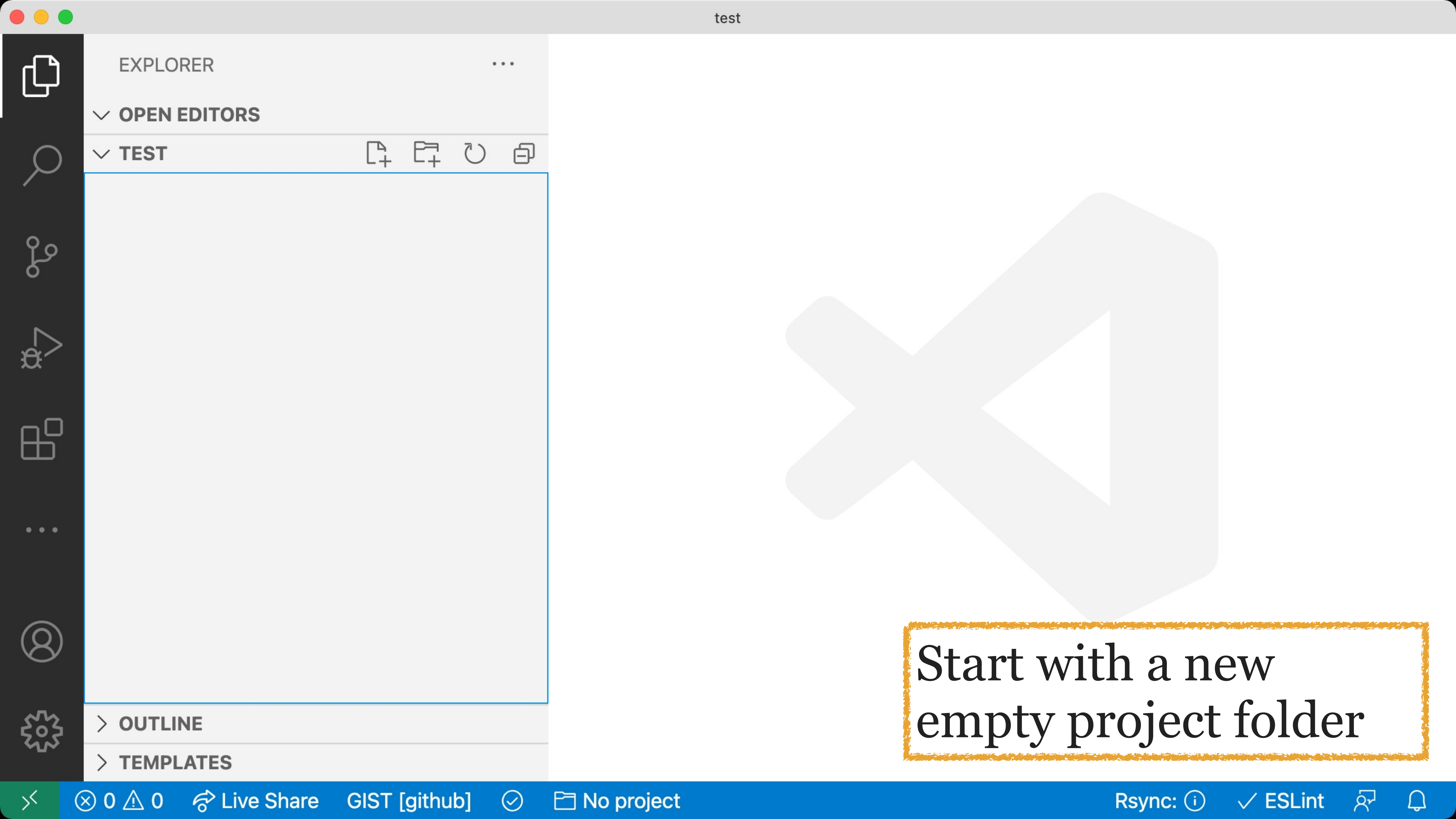
No project

Rsync: ⓘ

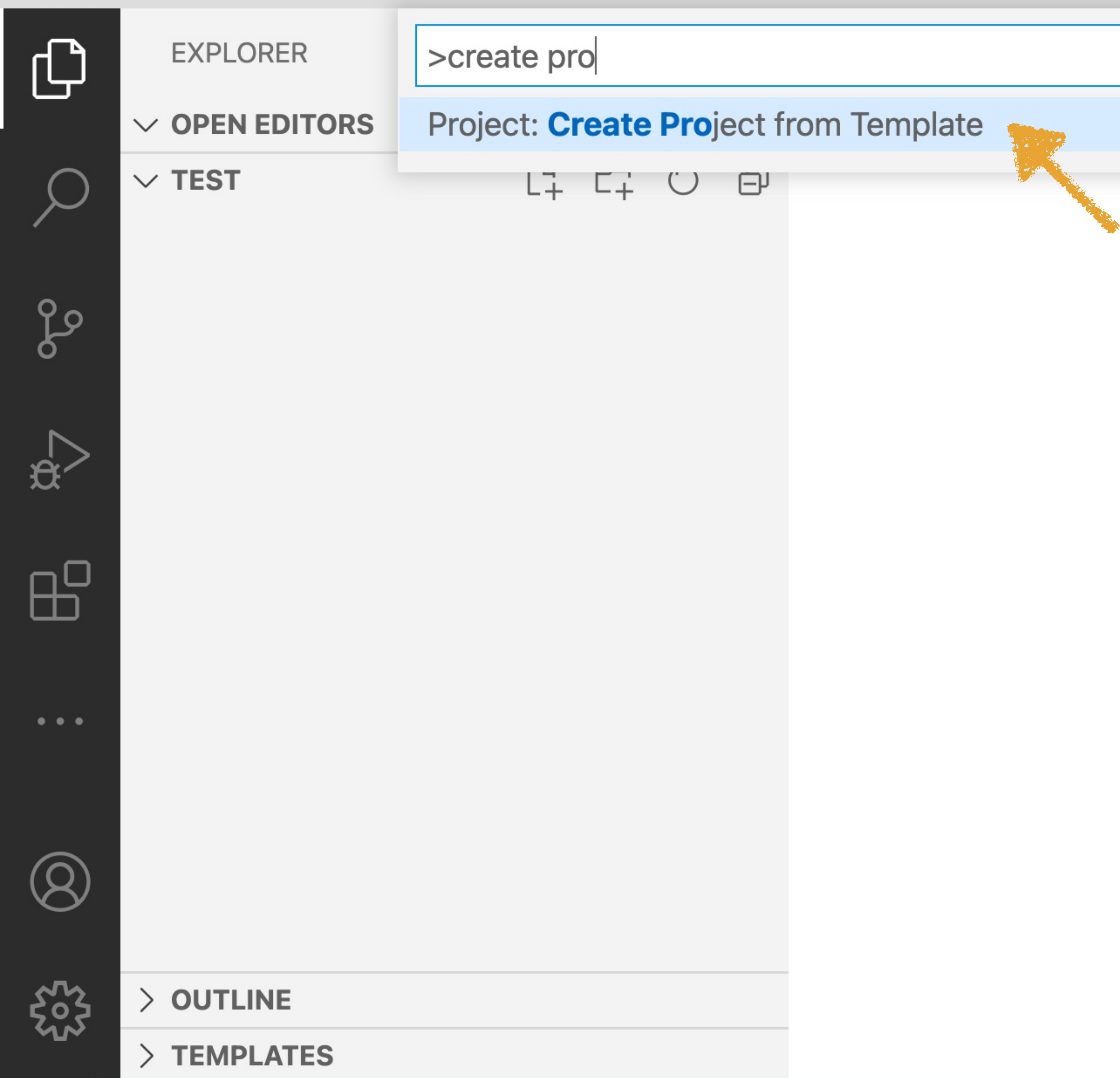
✓ ESLint

[off]

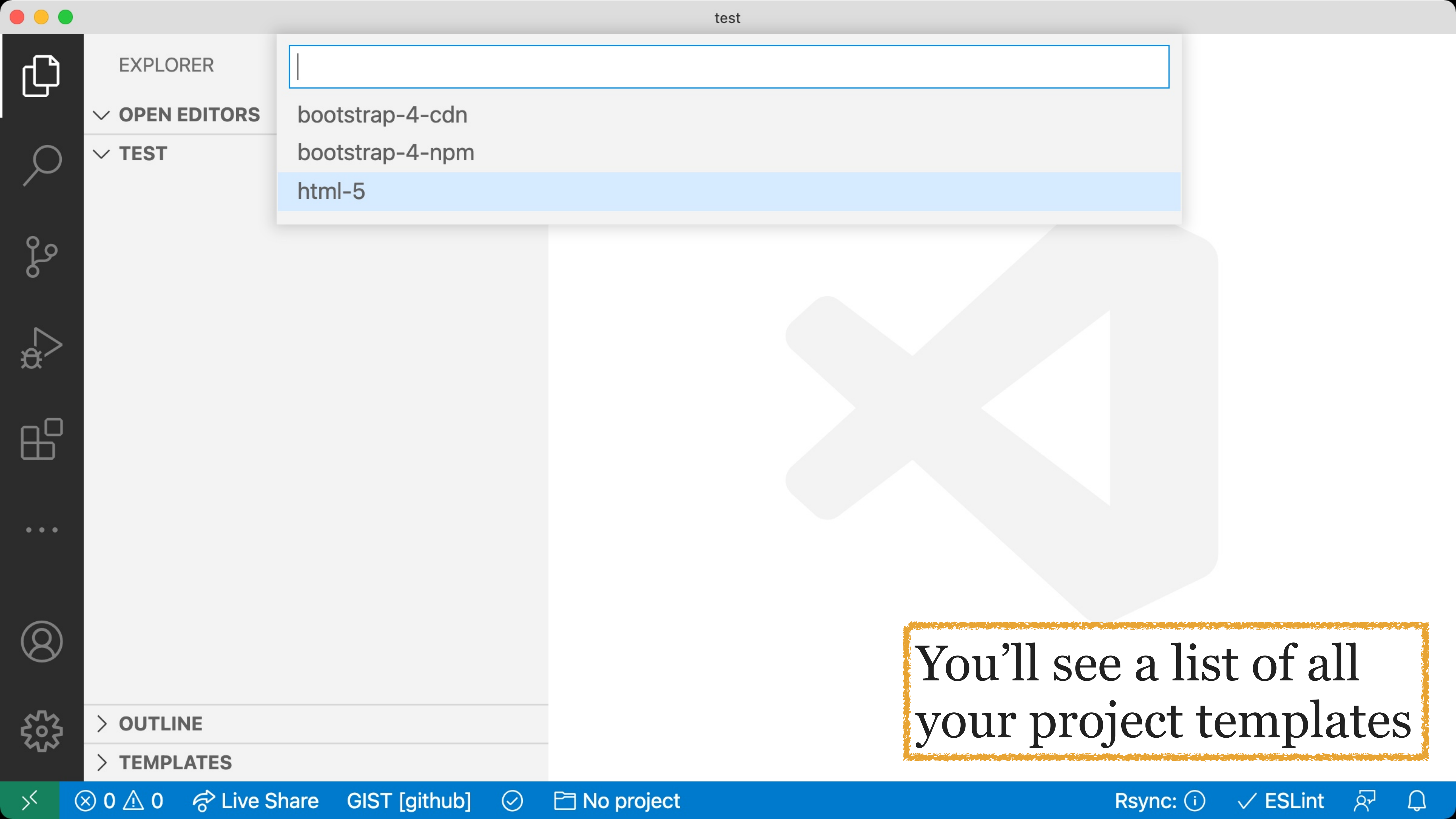




Start with a new
empty project folder



Open Command Palette
with ⌘⇧P / Ctrl+Shift+P &
select *Create Project*
from Template



test

EXPLORER

✓ OPEN EDITORS

✓ TEST

bootstrap-4-cdn

bootstrap-4-npm

html-5

> OUTLINE

> TEMPLATES

You'll see a list of all
your project templates



⊗ 0 ⚠ 0

🔄 Live Share

GIST [github]

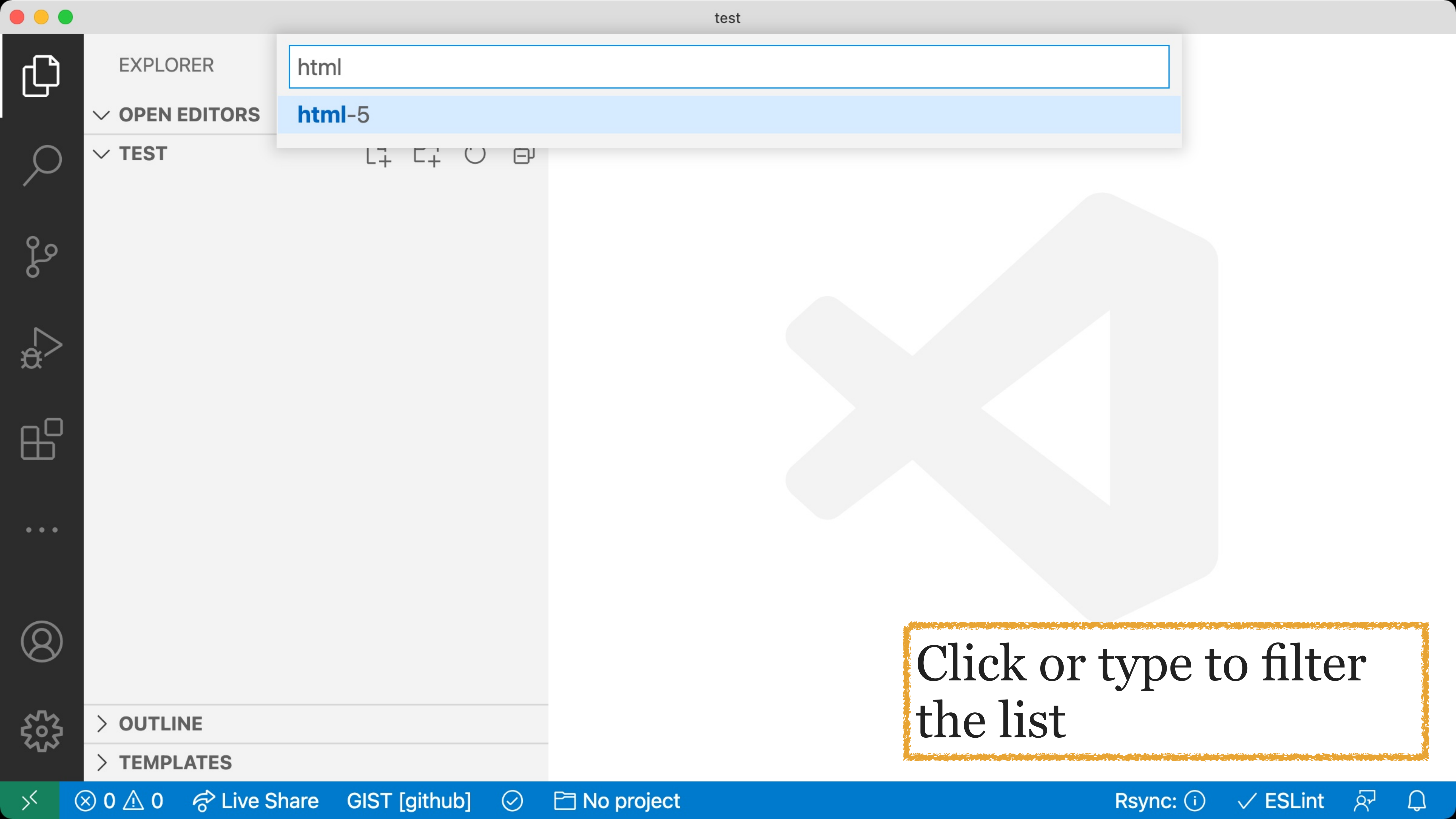


📁 No project

Rsync: ⓘ

✓ ESLint

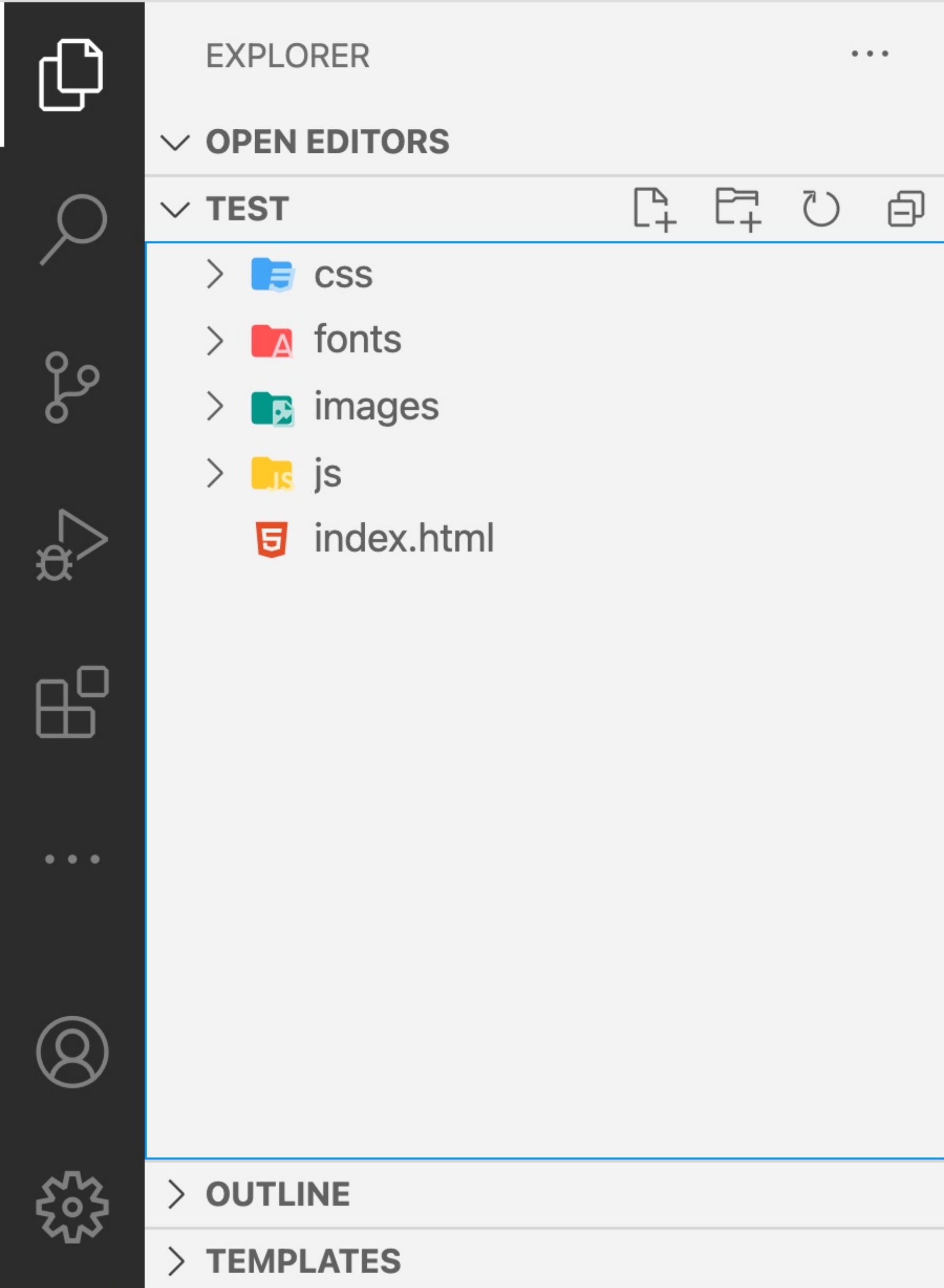




html

html-5

Click or type to filter
the list



Congratulations — you have a new project!

Created project from template 'html-5'

File Utils

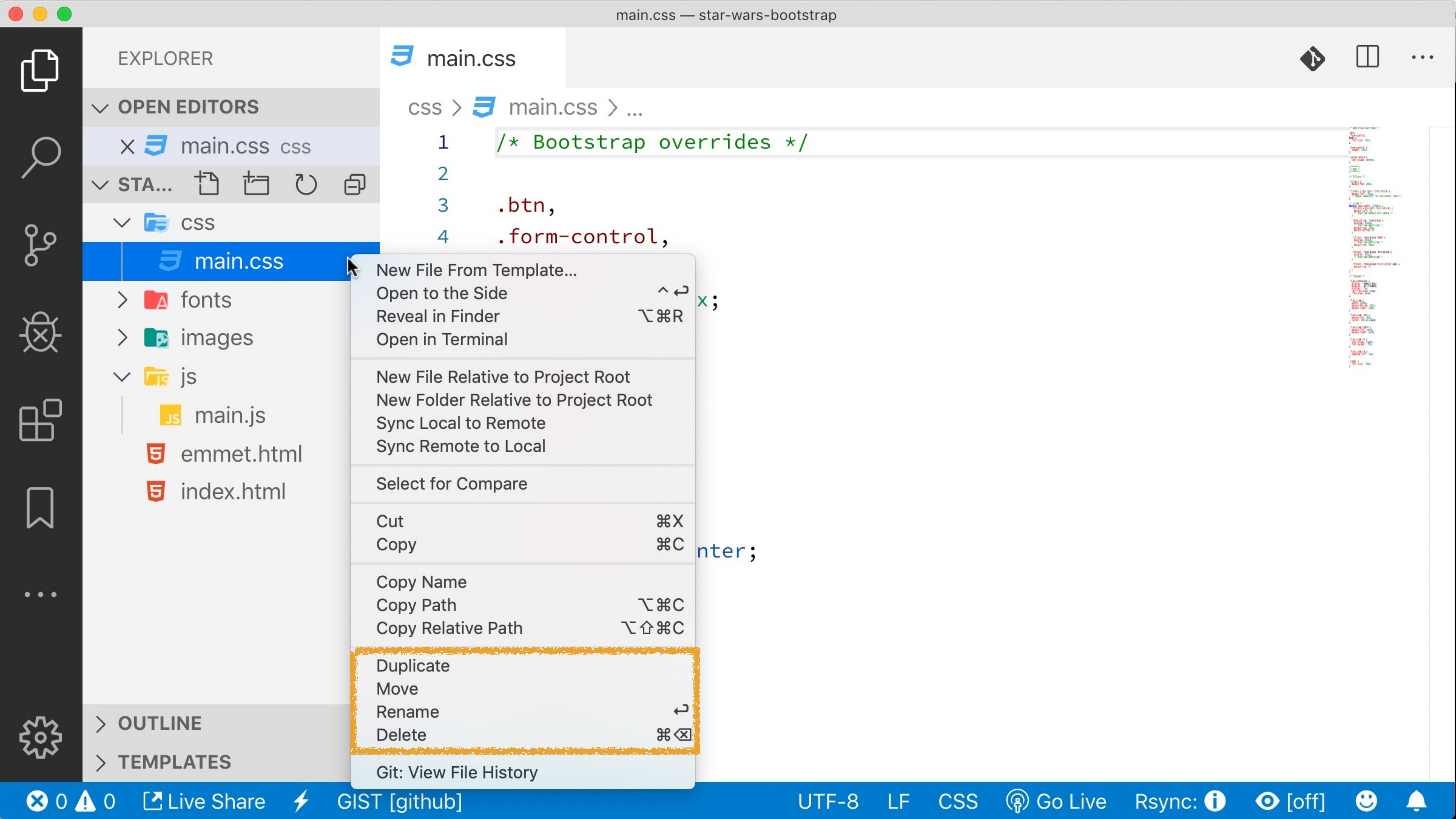


Steffen Leistner

File Utils makes it easy to duplicate, move, rename, & delete files & folders

Right-click on a file or folder & select:

- » Duplicate
- » Move
- » Rename
- » Delete



EXPLORER

OPEN EDITORS

X main.css css

STA... [Icons]

CSS

main.css

> fonts

> images

js

main.js

emmet.html

index.html

> OUTLINE

> TEMPLATES

main.css

css > main.css > ...

1 /* Bootstrap overrides */

2

3 .btn,

4 .form-control,

New File From Template...

Open to the Side

Reveal in Finder

Open in Terminal

New File Relative to Project Root

New Folder Relative to Project Root

Sync Local to Remote

Sync Remote to Local

Select for Compare

Cut

Copy

Copy Name

Copy Path

Copy Relative Path

Duplicate

Move

Rename

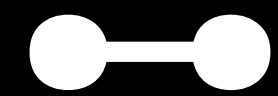
Delete

Git: View File History

x;

nter;

Auto Close Tag



Jun Han

VS Code has built-in support for auto-closing tags in HTML

Type `<p>` & VS Code automatically creates `</p>`

Auto Close Tag adds support for PHP, JavaScript, & other languages

Changelog

2024-04-04 1.29: Clearer instructions for installing GrannePacks; nicer “Let’s take a tour” slide; improved Problems Panel screenshots; changed “conditions” to “criteria”; added slides showing relationship of project files, Open Editors, & tabs; added warning re: opening individual files instead of projects; order instead of ask to create ⌘E ⌘R

Changelog

2024-02-06 1.28: Improved advice in Code Folding; changed Twitter link to Mastodon; added results of 2023 Stack Overflow Developer Survey; updated & added screenshots to *The User Interface*

2023-09-15 1.27: Updated location of templates used by File Templates Manager on Windows (thanks, Maddie!); moved extra snippets stuff into *Bonus* section; minor formatting corrections

Changelog

2023-06-26 1.26: Removed almost all content from *Initial Info* into it's own set of slides titled *Essential Tech Info & Skills*; changed title slides to new design & layout!; moved using VS Code in a Web browser to Bonus; changed theme to Granneman 1.11; minor fixes

2023-02-19 1.25: Added *from* & *to* for HTML 5 template; updated & reformatted lists of extensions installed in GrannePack HTML & GrannePack CSS; correct Install & Reload buttons in *Themes*; added note that Live Preview button only appears on HTML pages; added `ul>li*` trick Bailey discovered

Changelog

2023-01-23 1.24: Removed CSS extensions that are no longer part of GrannePack CSS; removed HTML & CSS snippets & added GrannePack Web Dev Snippets

2022-11-27 1.23: Upgraded theme to Granneman 1.8; disclosure buttons & printing dialogs have changed in macOS 13 Venture; minor fixes & formatting after theme upgrade; hid details about creating Snippets; corrected many Windows shortcuts from, e.g., **Ctrl-A** to **Ctrl+A**; had to re-do every single Key Command character style!

Changelog

2022-11-25 1.22: It's now Configure User Snippets; added other key commands to *Quick List of Installations & Configurations*; changed Emmet's Wrap with Abbreviation to ⌘E ⌘R/Ctrl+E Ctrl+R (R instead of W) because that conflicts with running VS Code in a Web browser

2022-11-12 1.21: Added details re: typing file extension in *File Templates Manager*; added quite a bit in *Installation* on using VS Code in a browser via GitHub, vscode.dev, or Codespaces

Changelog

2022-10-27 1.20: Added detailed, extensive instructions for using *File Templates Manager*; updated *Main Project Folder*; added more & clarified *Live Preview*; added *Searching* to *Initial Info*

2022-07-25 1.19: Fixed order of Panels; updated screenshots of IntelliSense & Emmet

Changelog

2022-07-20 1.18: Added screenshot of Finder Preferences for turning on extensions; added small section on *Mac Trackpads* in *Initial Info*; added section on *Debugging* in *More Features*; added screenshots showing how to show file extensions in Windows 10 & 11; added small detail to Color Picker; added note re differences between Visual Studio Code & Visual Studio; minor edits

Changelog

2022-04-05 1.17: Changed all uses of *VSCode* to *VS Code* since that's how Microsoft refers to it at its website; brand new screenshots for *User Interface*, with a few new slides; added screenshots explaining how to add **Ctrl+J** for Join Lines; clarified Emmet key commands; added key command for Emmet: Update Image Size; made Folding much better with good advice

Changelog

2022-03-29 1.16: Recommended 2 settings to change after importing `settings.json`; fixed incorrect comment about commas after array values; unhid slide in *Code Completion* that was the main point of the section!; updated number of lines in `html.json` & `css.json`; updated *Live Preview* with better details & a short video; fixed minor typos; got rid of *Path Autocomplete* since it's now built in

Changelog

2022-01-30 1.15: Added section explaining why zipping is used; moved *Portable VSCode* to *Bonus*; moved ⌘P/Ctrl-P & ^R/Ctrl+R to *Bonus* under *Command Palette*; moved Command Palette screenshots out of *Bonus* & back to *Command Palette*; rearranged sections to make things flow better

2021-12-13 1.14: Added graphical example for / & \; removed Live Server & added Live Preview; moved ⌘⇧O/Ctrl-Shift-O to *Bonus* section; removed slides on GrannePack Git & GrannePack Markdown; renamed *Extensions* section to *Extensions & Themes* & simplified layout; re-ordered *Key Features* section

Changelog

2021-06-17 1.13: Mentioned Emmet presentation in the *Emmet* section; added new *Quick List of Installations & Configurations* under *Bonus*; fixed broken link

2021-04-21 1.12: Removed old Emmet wrap command, as it's no longer supported in VSCode; changed *Git* to *Git Integration*; reordered sections under *Key Features*; added *Quick List of Installations & Configurations* under *Bonus*; fixed all **chnsa.ws** URLs so they use HTTPS

Changelog

2021-04-02 1.11: Changed *Why VSCode?* triangle; removed duplicate Auto Close Tag slide; changed theme to Granneman 1.7; fixed minor formatting errors; added detail to *Peeking*; changed *The GUI* to *The User Interface*; added screenshots to *Project Templates*; added slide listing contents of GrannePack HTML & GrannePack CSS; added sections on *Bracket Pair Colorizer 2*, *npm*, & *Style formatter*

2020-06-09 1.10: Minor fixes & updates

Changelog

2020-04-11 1.9: Moved *Configuration* much higher; changed Emmet keyboard shortcuts to fit with new scheme; added *Why VSCode?* section; removed Auto Rename Tag because the functionality is now built in to VS Code 1.44 as *Synced Regions*; added keyboard shortcut to open Problems panel; removed CSS Peek because peeking is now built in, so explained; added *CSS-Specific* section & added content; added *Bonus* section; added open recently-opened folders to Command Palette

Changelog

2019-09-14 1.8: Removed expand-region by Le Trieu because Emmet does it; removed Sort Lines by Daniel Imms because now built in; added extension screenshots

2019-09-11 1.7: Added `css.json` & `scss.json` snippets; added installation instructions for Linux; updated all GUI screenshots; added GrannePack slides & did a little rearranging; added section on *Emmet*; split *Configuration* into sections; little improvements everywhere

Changelog

2018-11-29 1.6: Added section on *macOS Disclosure Buttons* in *Initial Info*; added screenshots for Windows zipping & unzipping; added slide re: zipping for macOS;

2018-10-29 1.5: Minor formatting fixes; added slide re: Live Server port 5500; added hyperlinks to slide links; added DEMO! slide; cleaned up small stuff; added suggested keyboard shortcuts

Changelog

2018-09-15 1.4: Switched out File Templates to File Templates Manager because the latter works on Windows; added details on unzipping

2018-09-03 1.3: Took Your Username out of *Initial Info* & put it in with File Templates extension; Added / & \ to *Initial Info*; added instructions for using File Templates; added Side Note & Pro Tip to Live Server; labeled screenshots for HTMLHint & CSSTree validator

Changelog

2018-08-29 1.2: Added *Initial Info* section with *macOS Meta Keys, Unzipping, Show Extensions, Main Project Folder, & Your Username*; better instructions for copying `html.json` & `settings.json`; added icon for Extensions button in *First Extensions*; added note that Git is for advanced classes; much better instructions for installing color & file icon themes; better instructions for File Templates

Changelog

2018-08-20 1.1: Updated Portable VSCode; added text
re: commas in JSON

2018-06-22 1.0: First release

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