



LEARN. BUILD. CHANGE THE WORLD.

HTML / CSS / Git Fundamentals

Week 1 Day 1 - June 6, 2022 - Doug Case

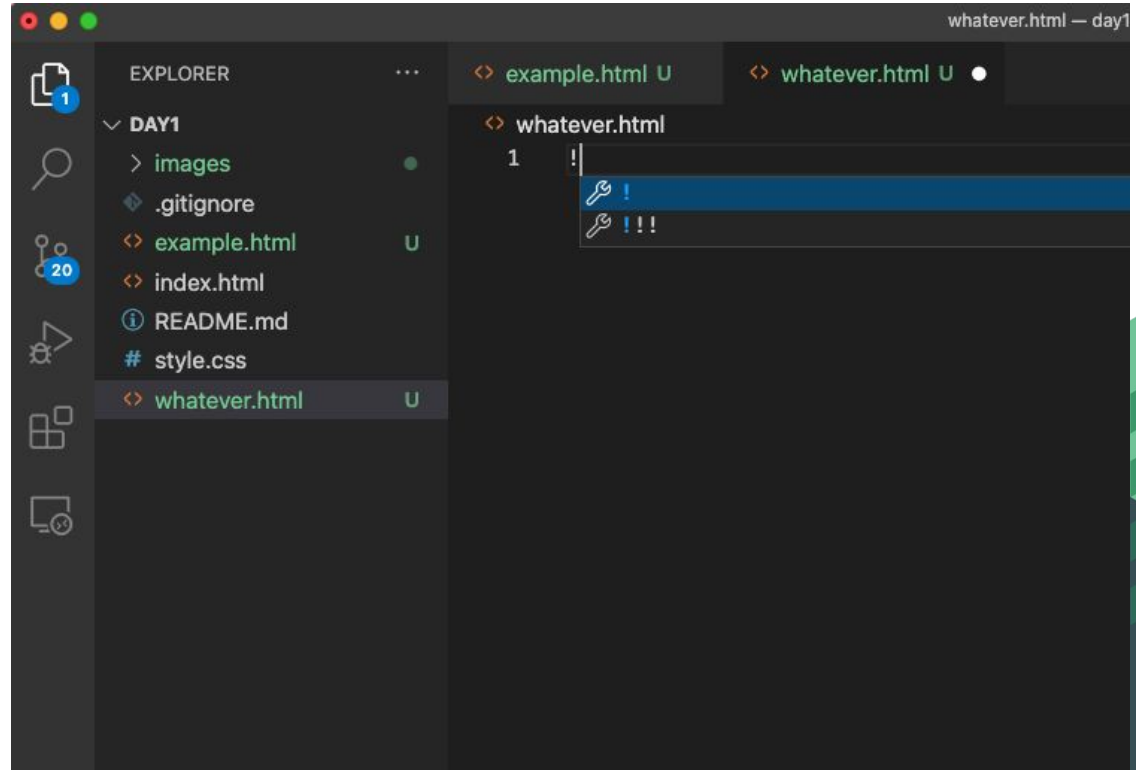
HTML / CSS / Git Fundamentals

Week 1 Day 1 Goals

- Connect HTML and CSS files together
- Describe responsive design and accessibility
- Get comfortable with add / commit / push workflow for Git
- Git fundamentals - and self-study info - ask TA's / etc if need help

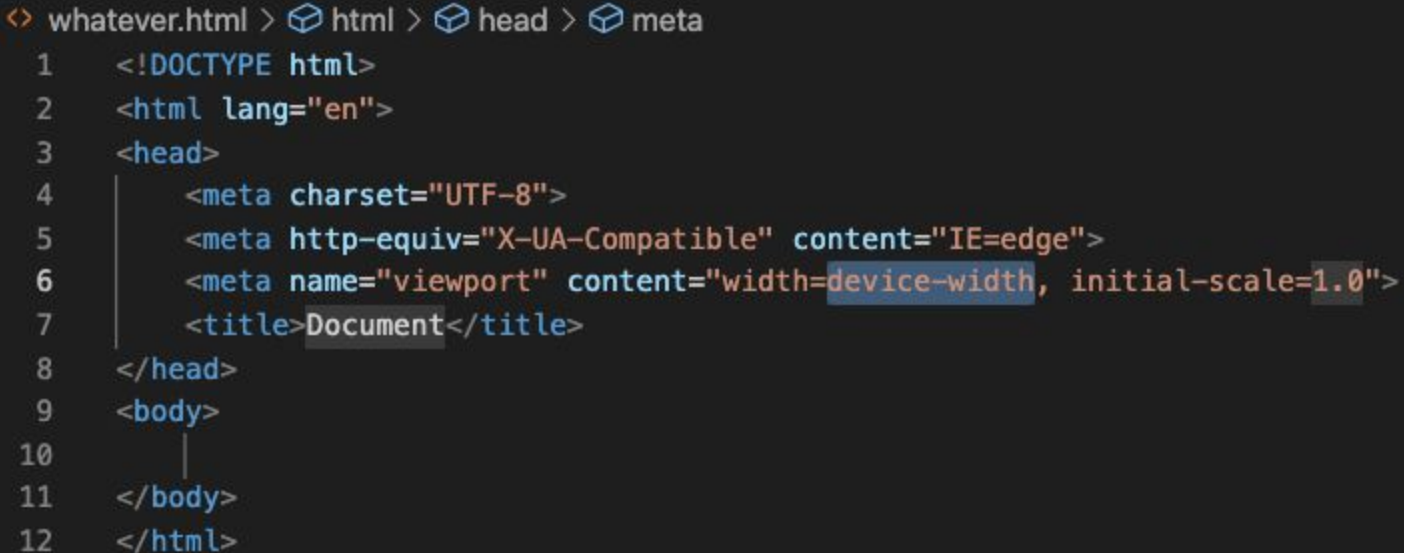
Visual Studio shortcut for html files

Add ! and then hit tab



Visual Studio shortcut for html files

And this results



```
<> whatever.html > html > head > meta
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  <body>
10     |
11 </body>
12 </html>
```

Change title, add link to CSS, add body:

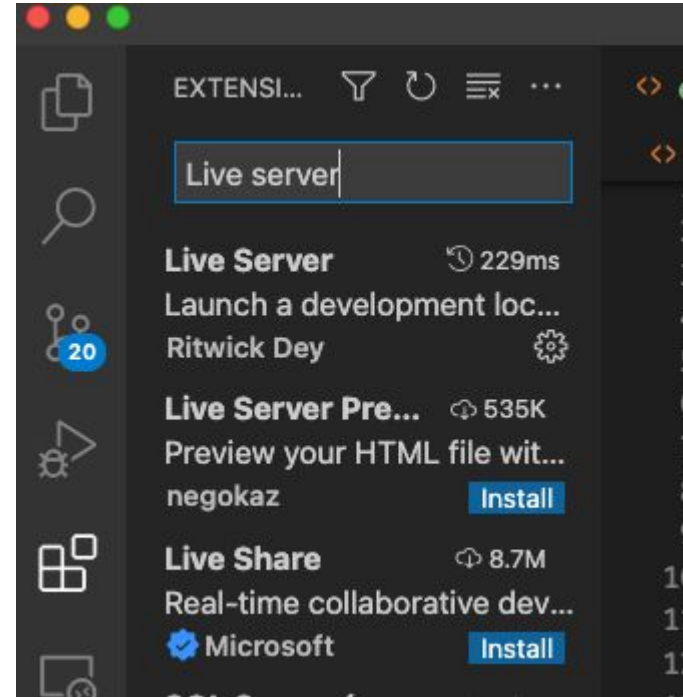
```
<> example.html > html > head
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>HTML / CSS Meme Demo</title>
8      <link rel="stylesheet" href="style.css">
9  </head>
10 <body>
11     <section>
12         
13         
14         
15     </section>
16 </body>
17 </html>
```

Chrome debugger is effectively the standard

- Chrome: View -> Developer -> Developer Tools
- Elements tab is great for seeing layout, playing with CSS
- Can use VS Code Live Server extension to launch code from .html
- Or double-click on .html file to launch (but won't work later for API calls)

Config Visual Studio with Live Server Extension

- In Visual Studio click on extensions icon
- Then type in “Live Server”, then install
- Click on Go Live icon at bottom of VS
- Then when save changes in html file it automatically deploys to your default browser - suggest using Chrome



Useful Git commands

- git status
- git remote -v
- git branch
- git add <fn>
- git add .
- git commit -m "blah"
- git push
- git push -u origin main

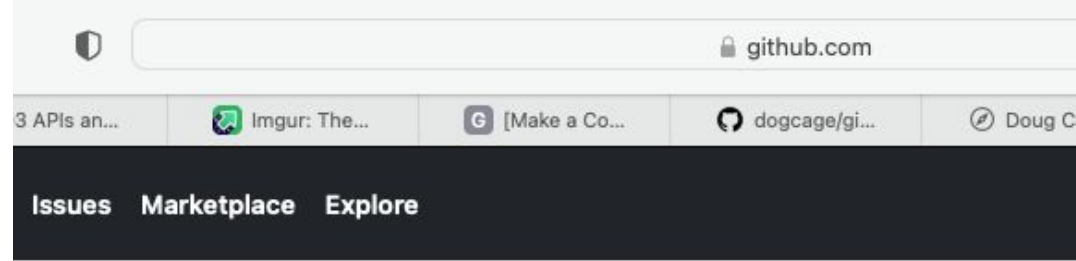
```
dcase@C02GF219MD6R personal-website-dougc % git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

no changes added to commit (use "git add" and/or "git commit -a")
dcase@C02GF219MD6R personal-website-dougc % git add .
dcase@C02GF219MD6R personal-website-dougc % git commit -m "Updated dates for my Stanford CS Bridge teaching"
[main 1c3a555] Updated dates for my Stanford CS Bridge teaching
 1 file changed, 1 insertion(+), 1 deletion(-)
dcase@C02GF219MD6R personal-website-dougc % git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 326 bytes | 326.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/dogcage/personalpage.git
   66bd815..1c3a555  main -> main
dcase@C02GF219MD6R personal-website-dougc %
```


Create git repo

- Go to github.com
- Create new repo —---->
- Go inside my new directory and:
 - `git remote add origin https://github.com/dogcage/mypersonalpage.git`
- `git add .`
- `git commit -m "blah"`
- `git branch -M main`
- `git push -u origin main`



Create a new repository

A repository contains all project files, including the revision history. Already have code elsewhere? [Import a repository.](#)

Owner *



dogcage ▾

Repository name *

mypersonalpage ✓

Great repository names are short and memorable. Need inspiration? How about

Description (optional)

☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**

You choose who can see and commit to this repository.

Happy Coding (after break)!

