

# HTML / CSS Worksheet 1

Welcome to your first HTML / CSS weekly coding worksheet for GWDS 21\_22.

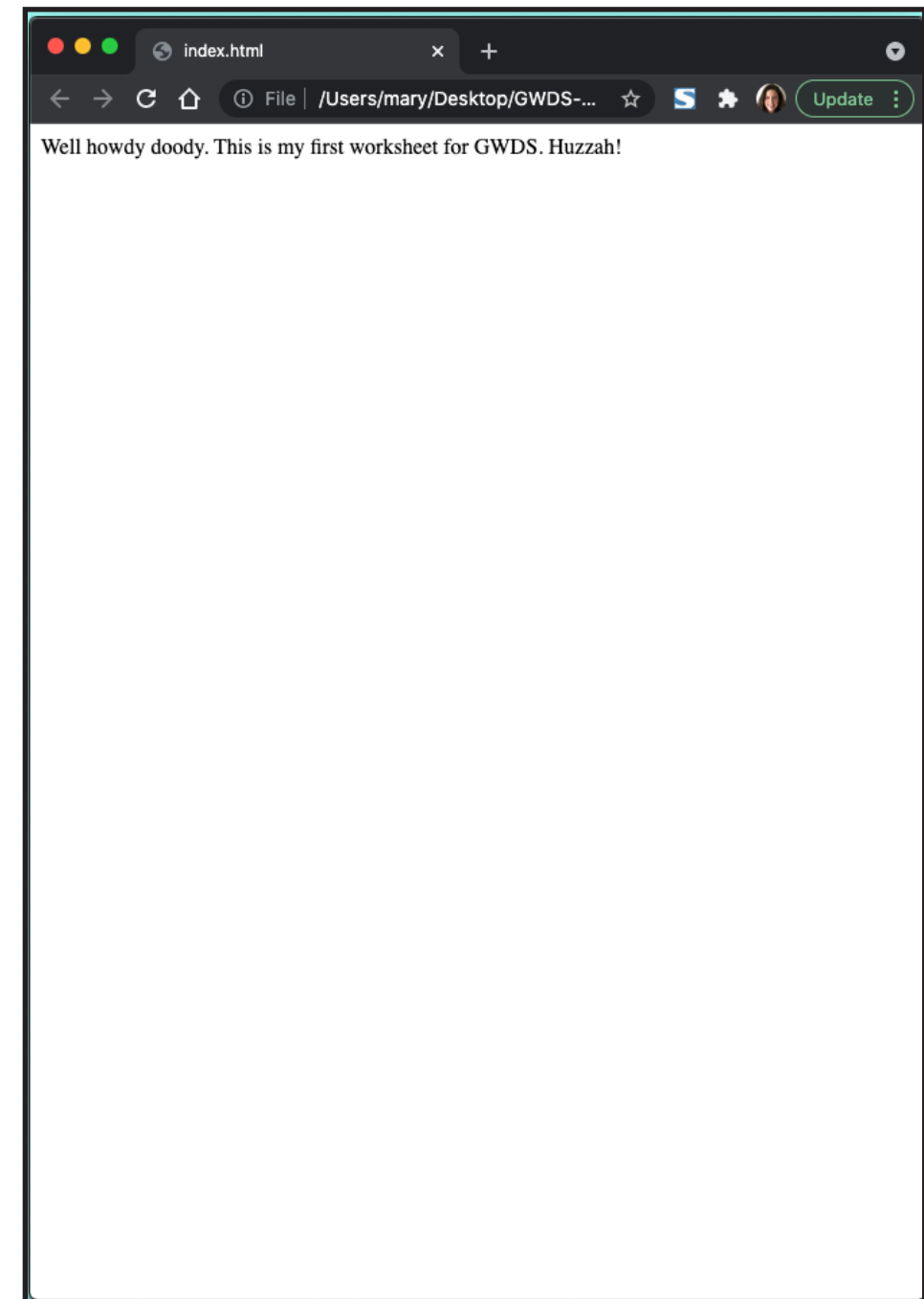
**This week's worksheet we will look at:**

- Setting up a repository in GitHub
- Publishing the repository
- Finding your repository in your finder
- Finding your repository on GitHub
- How to commit your work (so it's saved)

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Visual Studio Code (VSC)

\*If you already know how to use github, please do this and the other worksheets anyway. Your assessment counts on it. Enjoy taking it easy, but still do the work please.



1

Ok! Here we go! The first thing I want you to do is open up GitHub Desktop on your computer. You should have an account by now. If you do not, please refer to the “sign up for GitHub” worksheet/recording. Then return to this worksheet to proceed. Right now I have mine on a different repository. You will most likely have no repositories at hand. That’s ok. We will change that soon enough.

2

Now, you will go to **file > New Repository**. This will show up. Let’s have a look here.

**Name:** Name of your repository

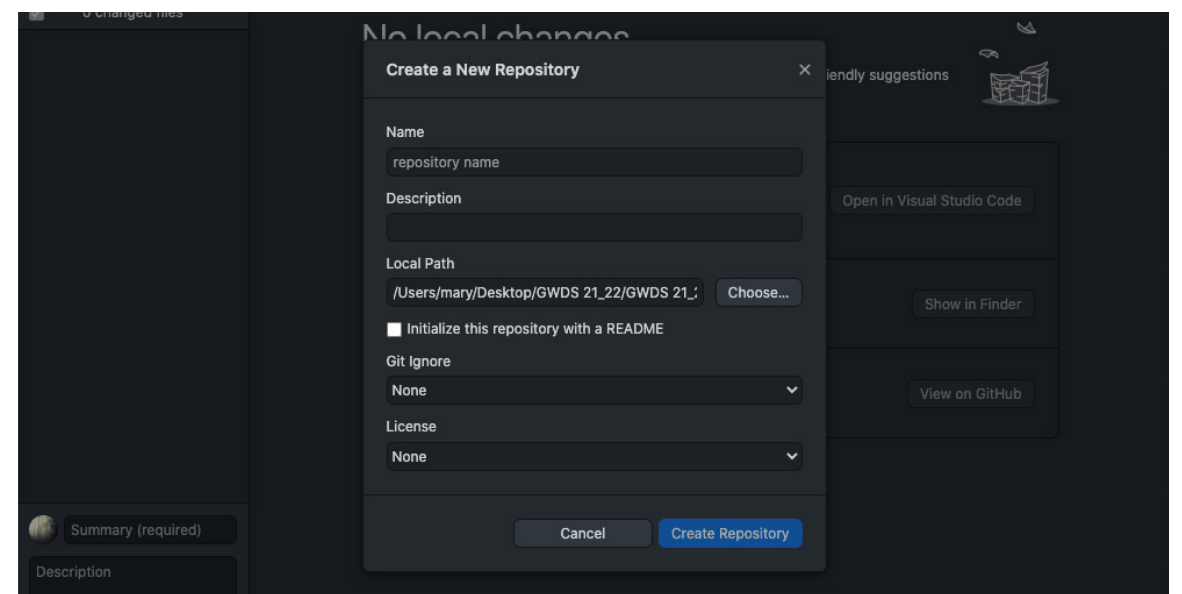
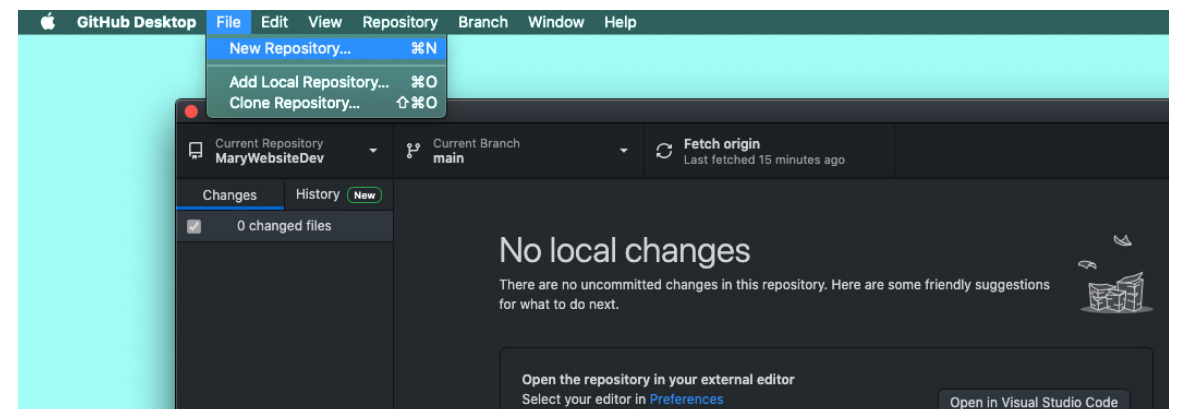
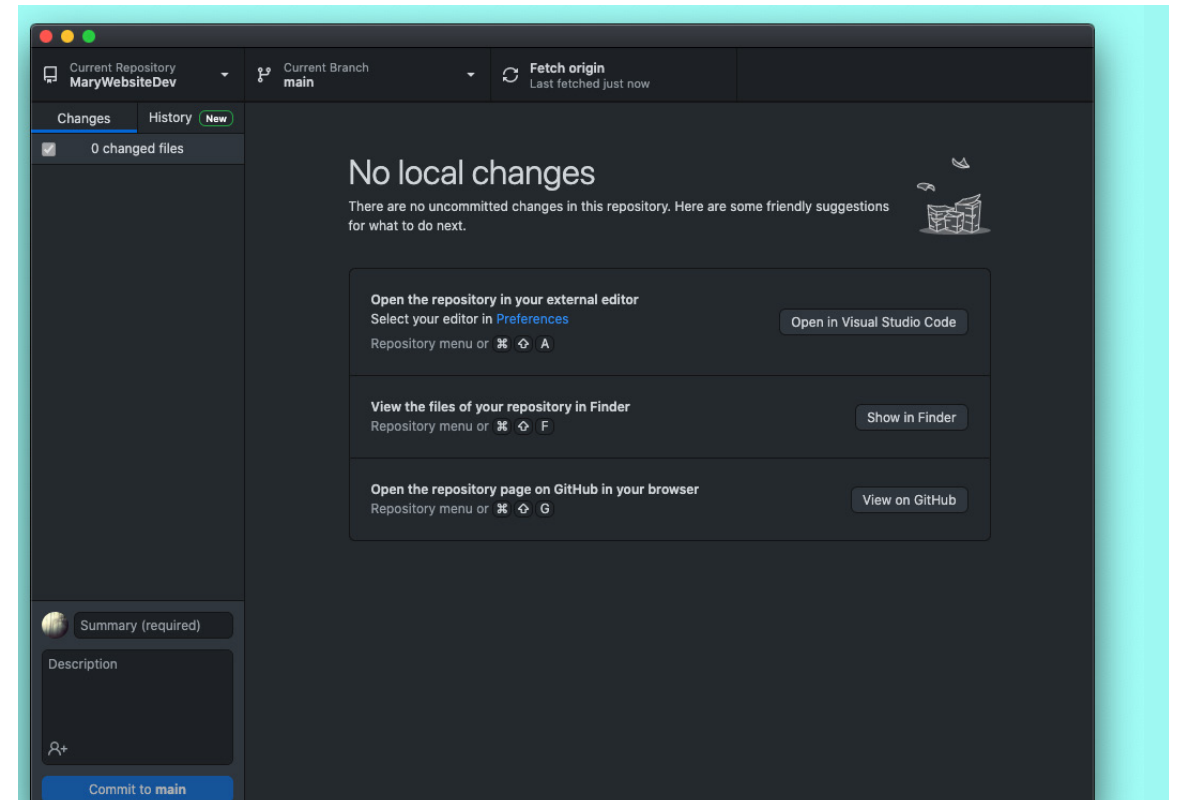
**Description:** what is your repository

**Local Path:** Where your repository be on your own computer

**Initialize repository with a README:** only if you want.

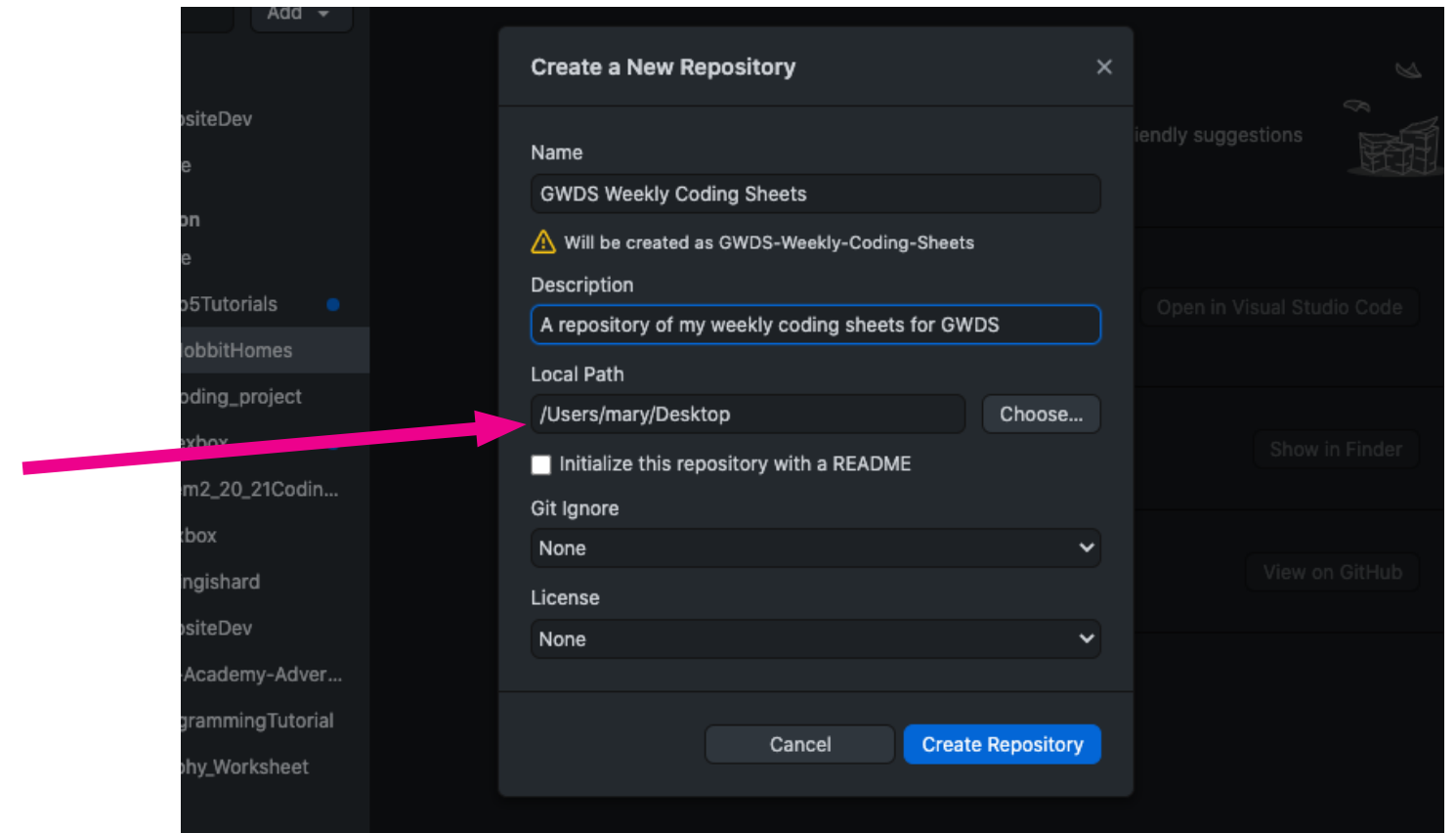
**Gitignore:** this means certain files aren’t tracked by git. (We don’t have to worry about this right now)

**License:** we don’t need to worry about that



3

Let's add our information: make your information specific to how you want to organise. Make sure your local path is in a place where you can remember and it can be organised with your other University projects moving forward. I have mine on the desktop, but that might not be the best place for you. When you have it all set up, hit **Create Repository**

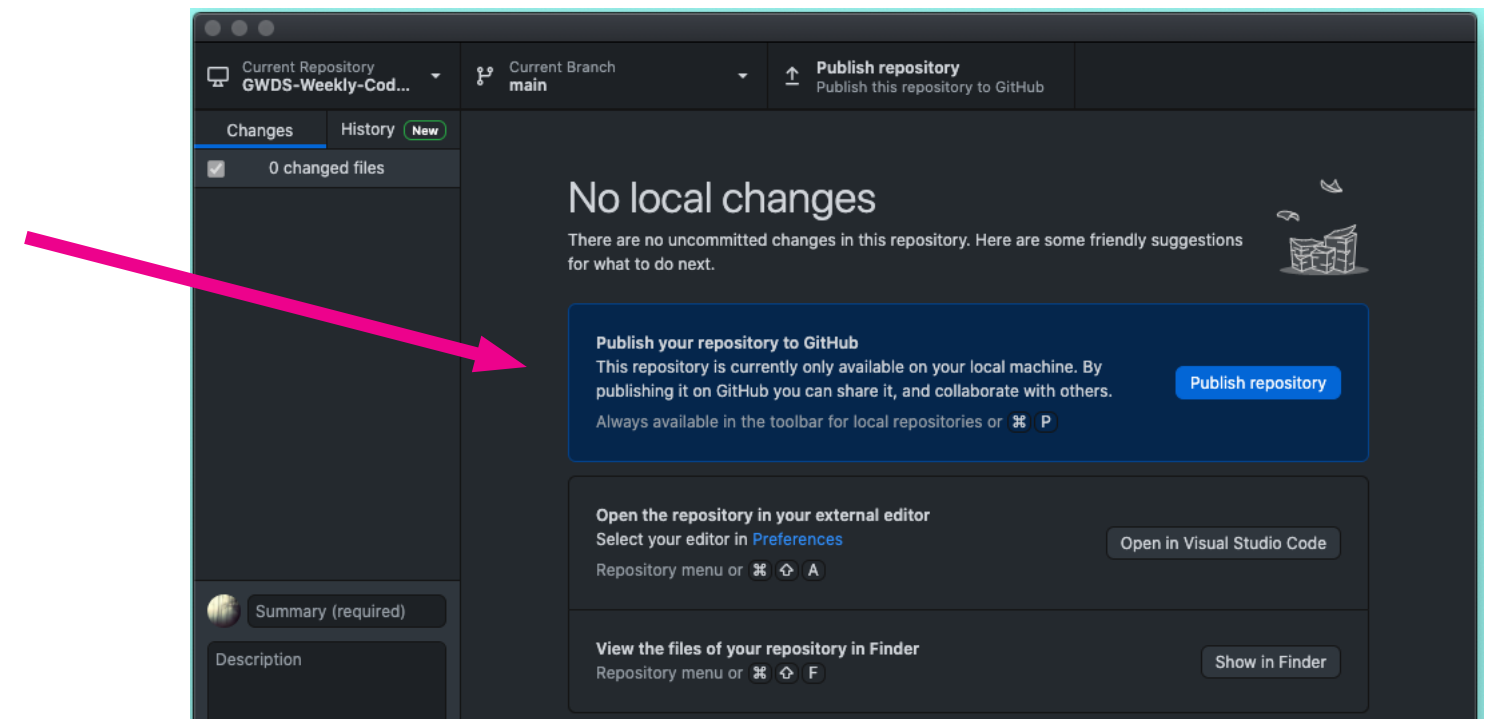


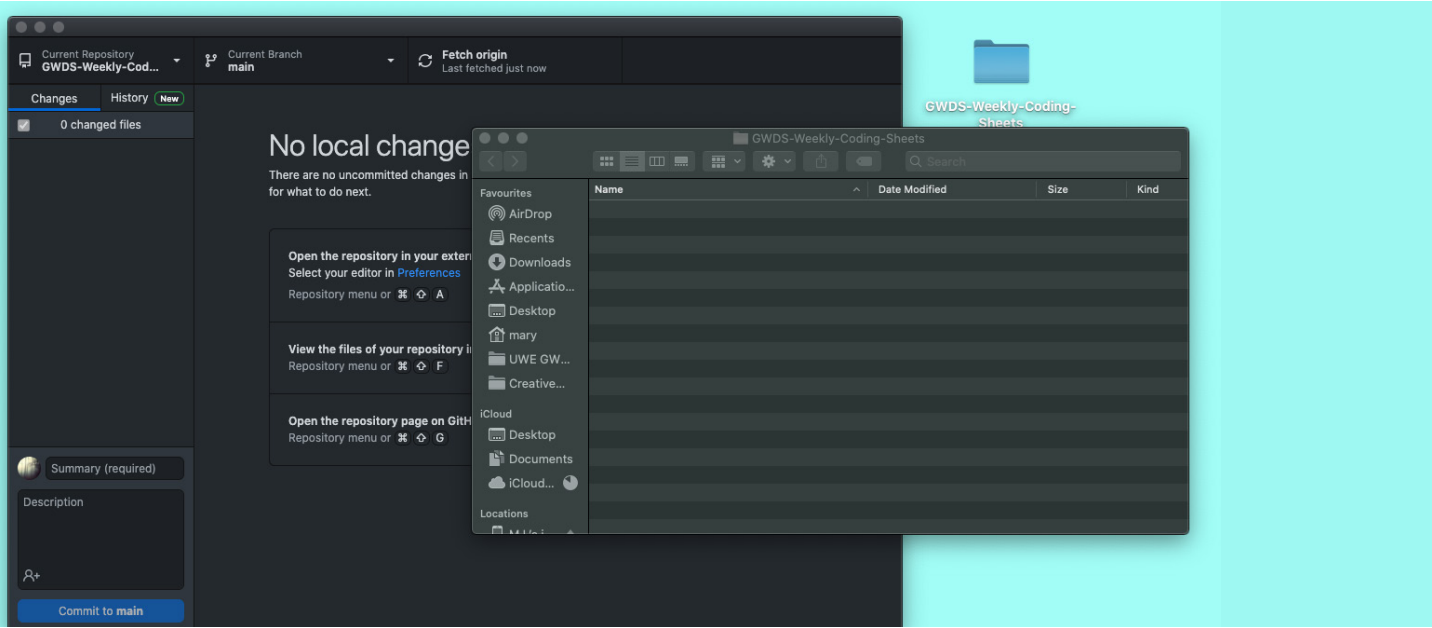
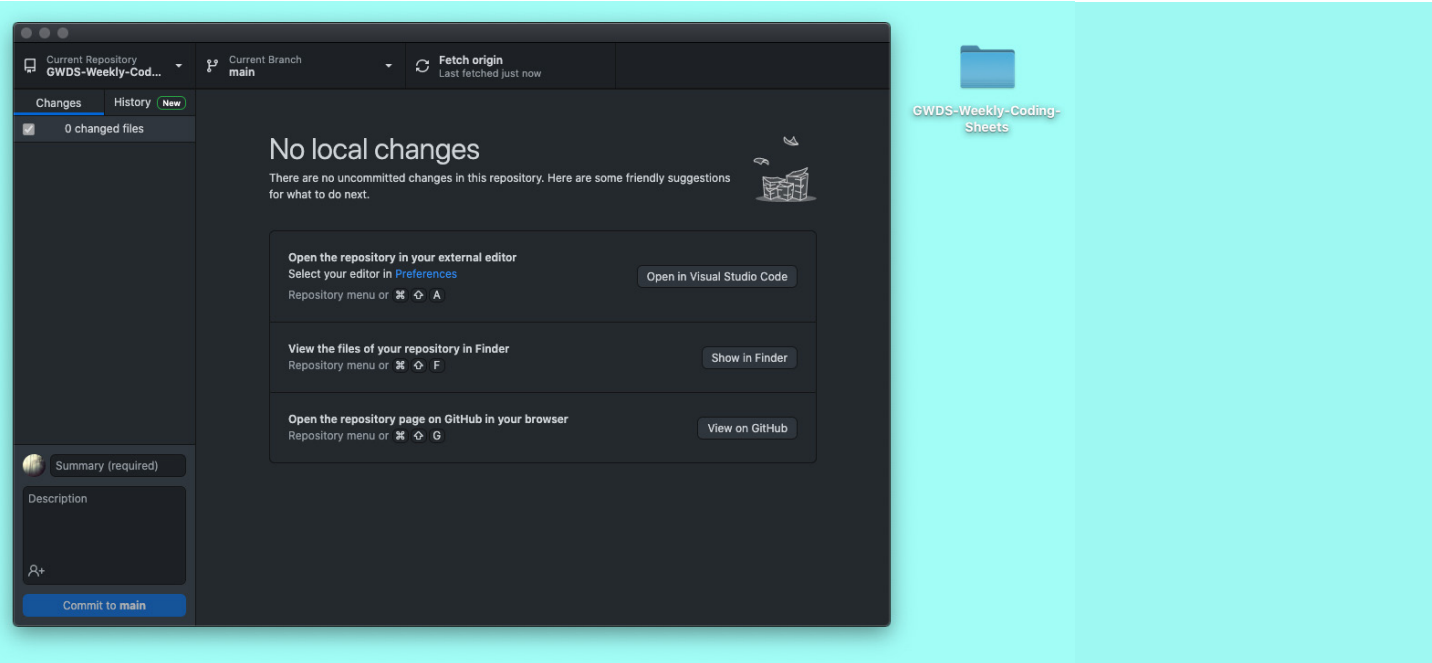
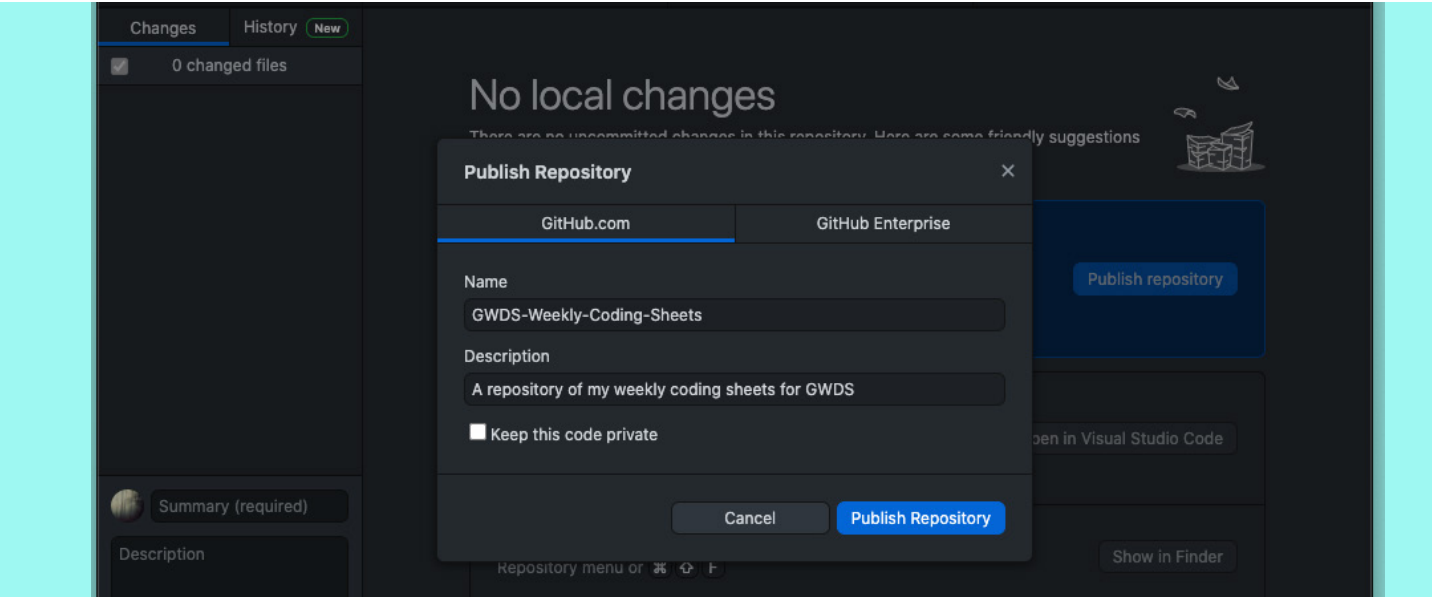
4

In your GitHub desktop, you will see that it has created a **current repository**. Now you must publish.

**Uncheck “keep your code private”** and hit that **publish** button.

Voilà, peanut butter sandwiches, you have a working repository! You will see GitHub has created a folder for you to house your files. You can navigate to where you saved it to and you will see a folder created just for you. (See next page for more images).





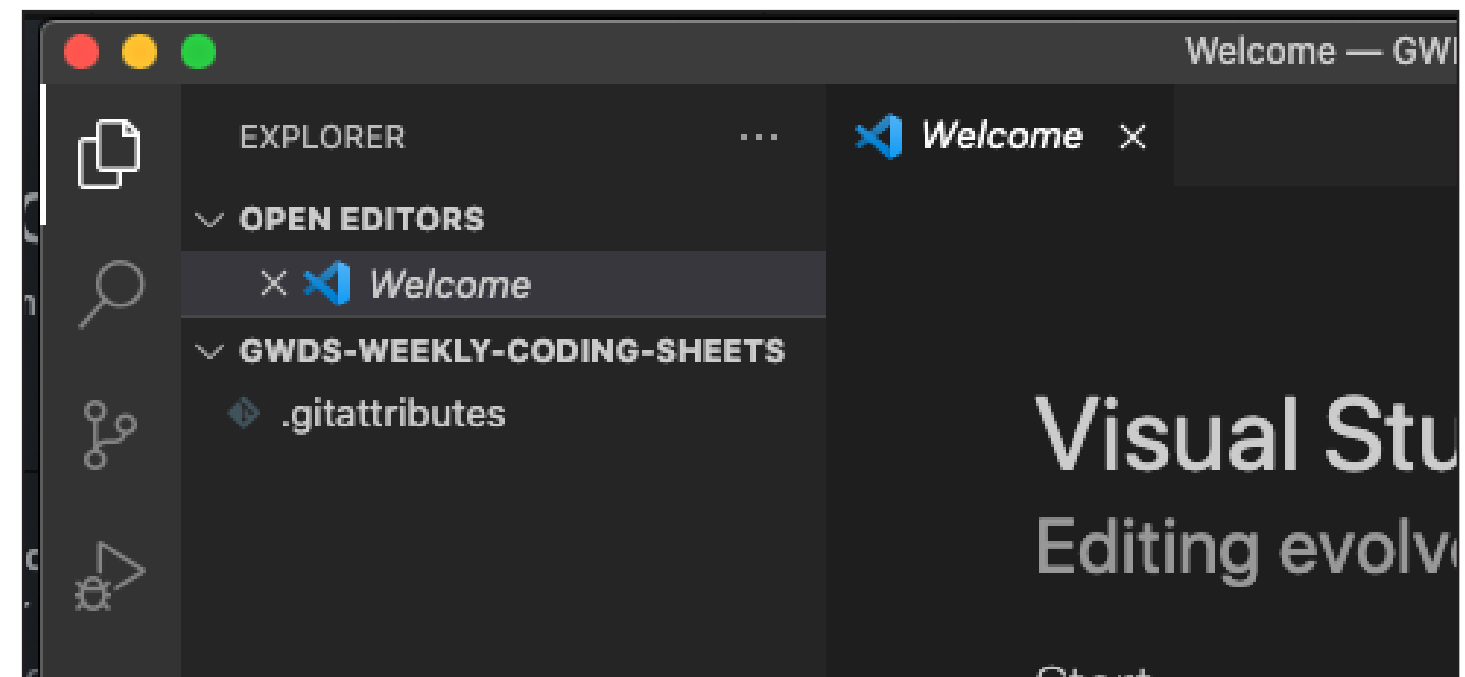
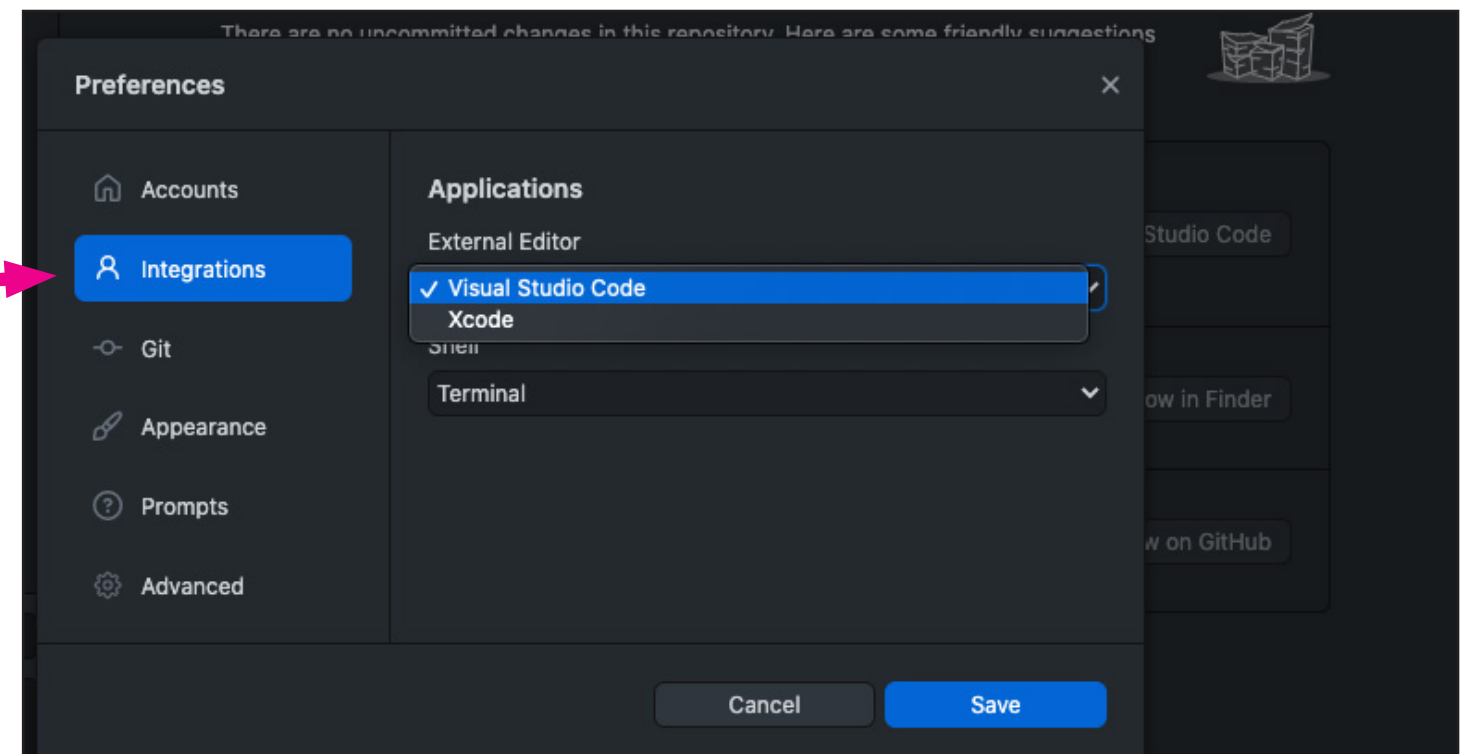
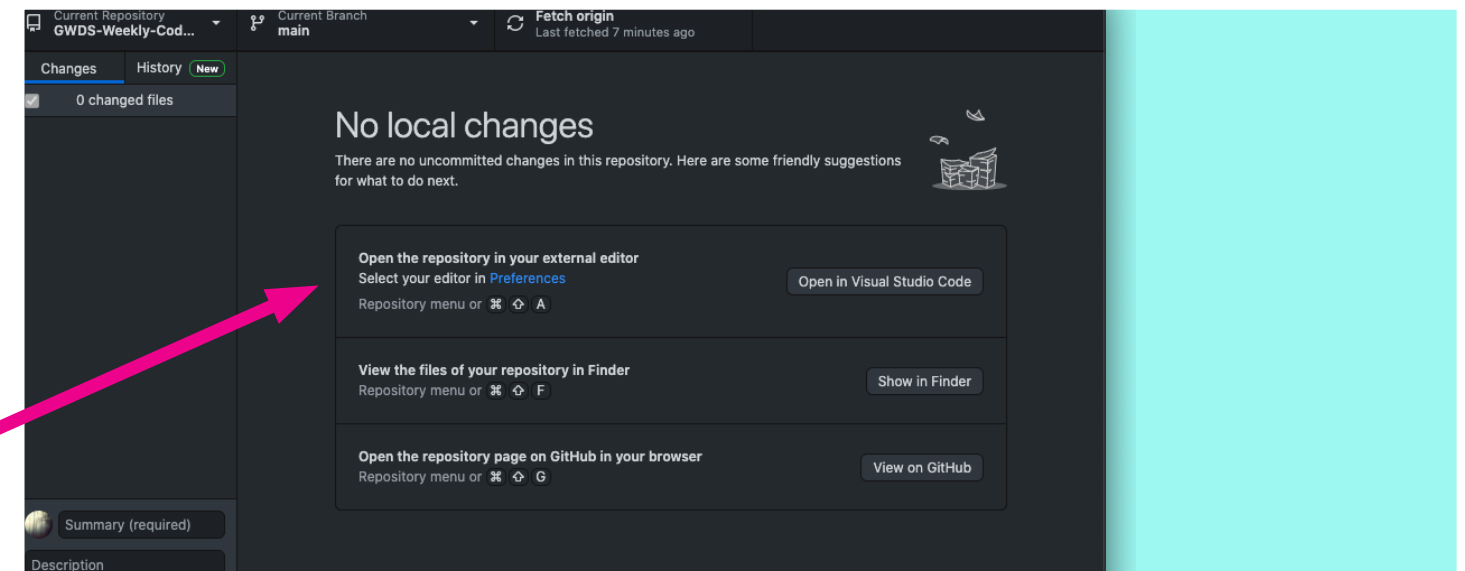
5

Let's just take a quick moment and have a look at what your GitHub Desktop is actually telling you here.

- 1) **Open the repository in your external editor.** Ok. This is the editing software that you will be using. In this module we will have you use Visual Studio Code. If you open preferences link, you will be able to make VSC your default editor for this repository. Hit save.

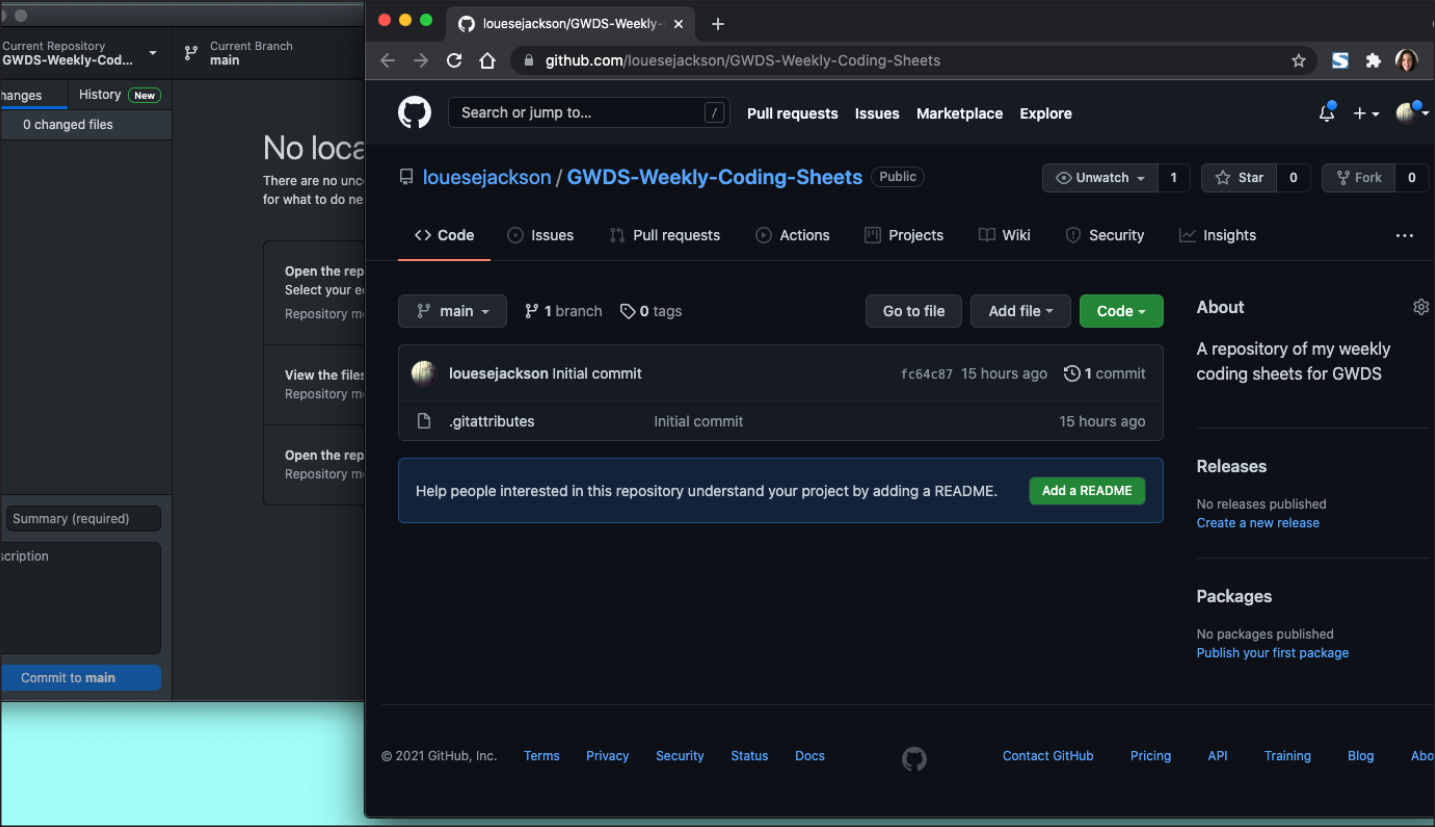
- 2) **View the files of your repository in Finder.** This should be easy peasy, because we just looked at that in step 4. Click the button and see what happens.

- 3) **Open the repository page on GitHub in your browser.** Click on that one, and you will be taken to GitHub. If you get an error page, try signing in and see what happens.



We are almost done for this week, but I wanted to do one more little thing to show you how this all works and why we want you to do it.

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6

Let's start by opening VSC and making an html file. You can either go to **File > New File** or under Start **New File**.

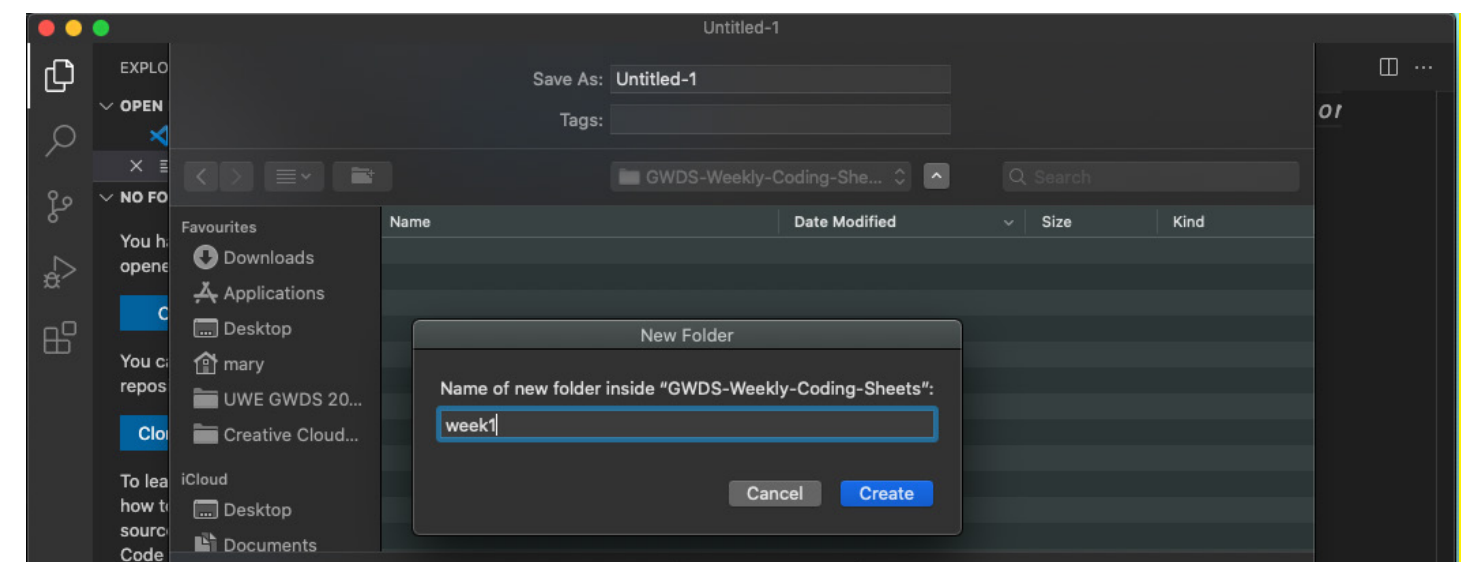
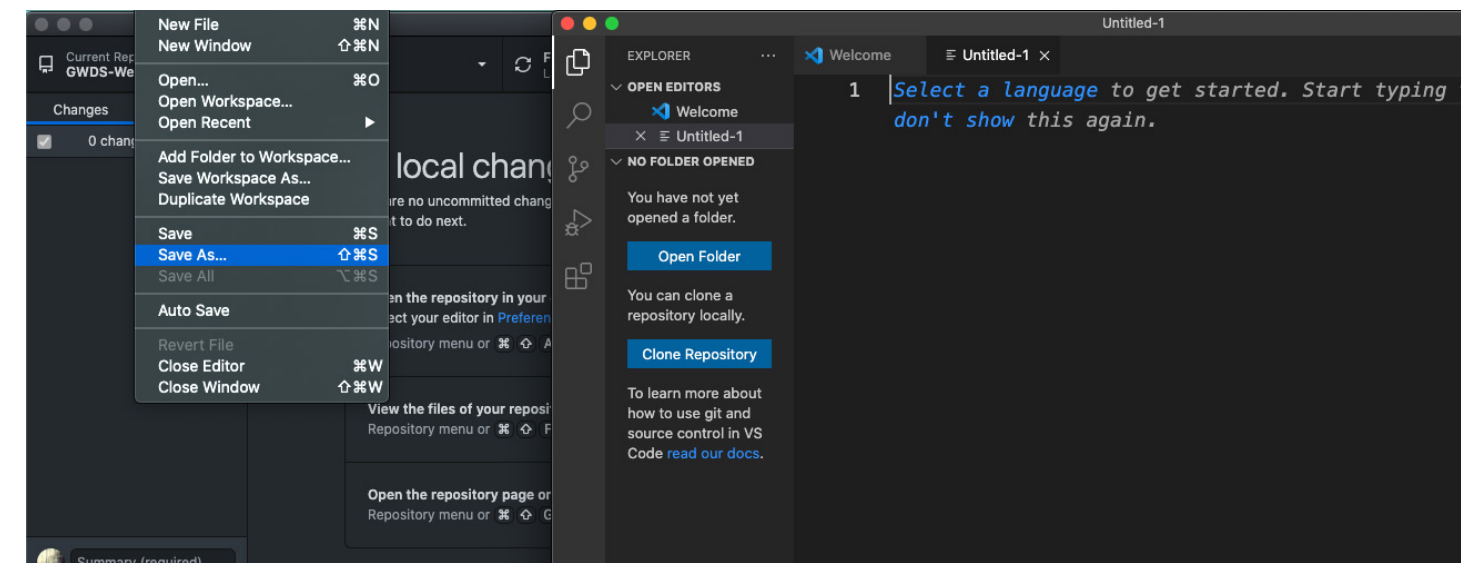
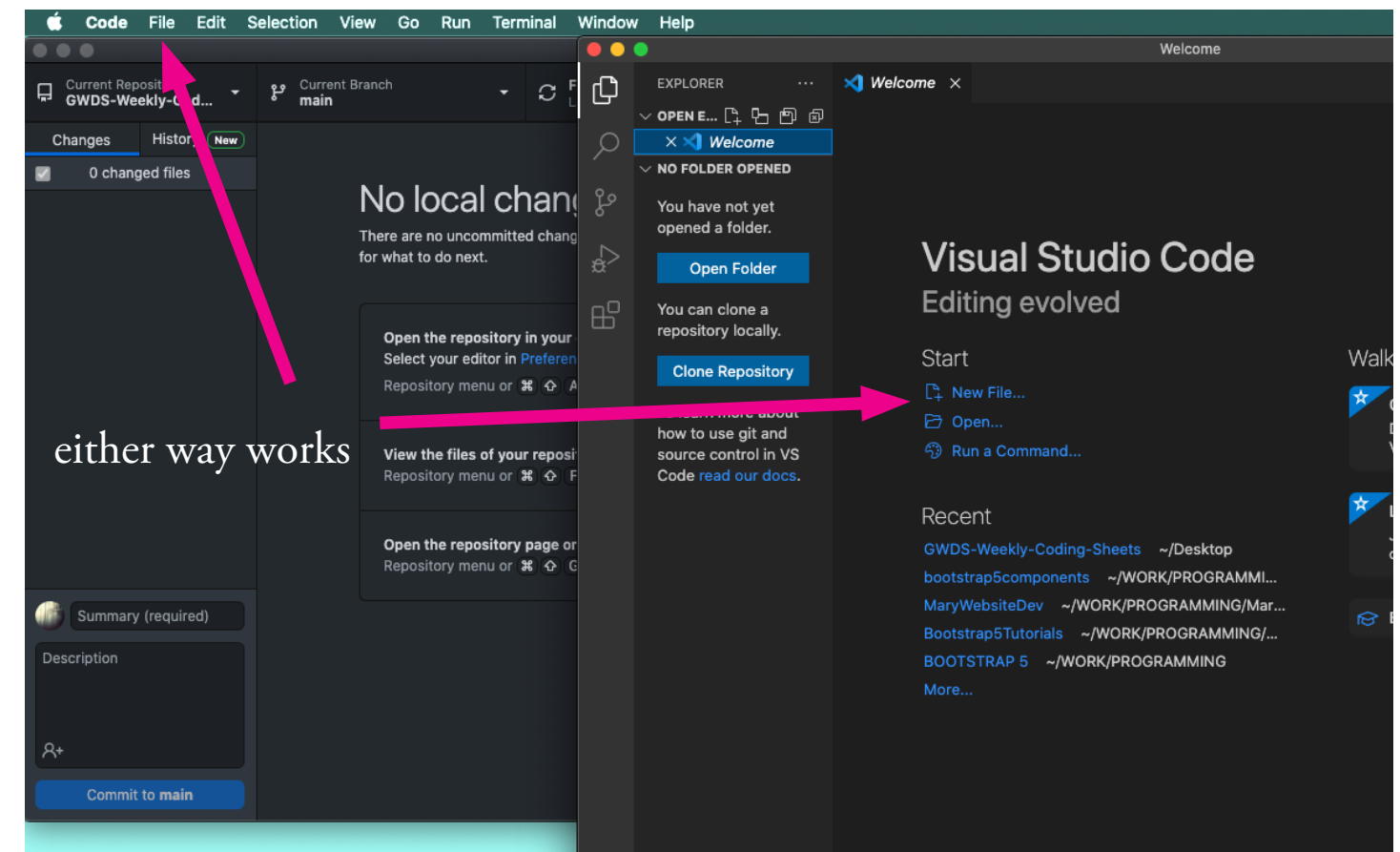
Go to File > Save As. Find your folder you created for your worksheets and make a new folder inside called week 1 and save your file as index.html.

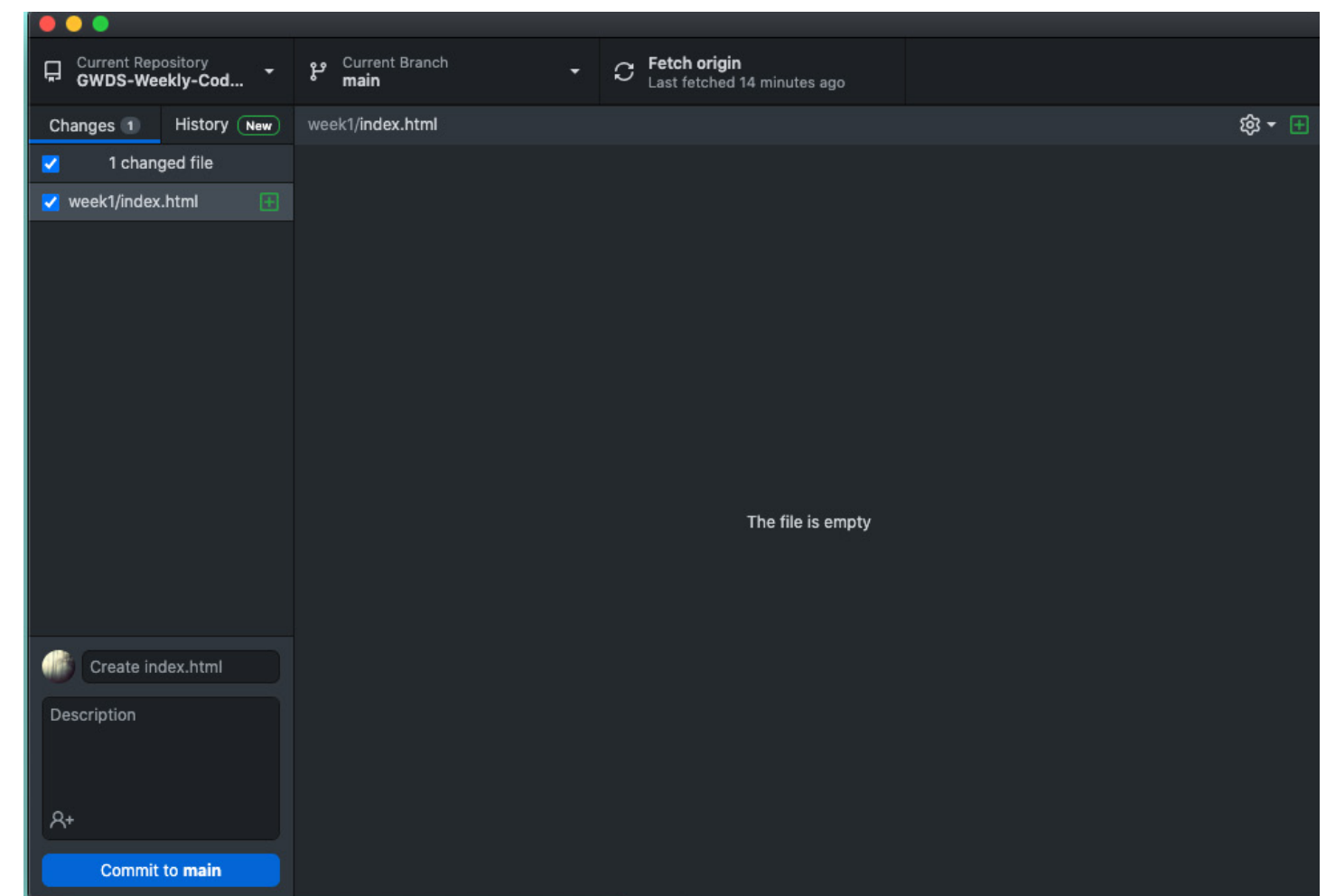
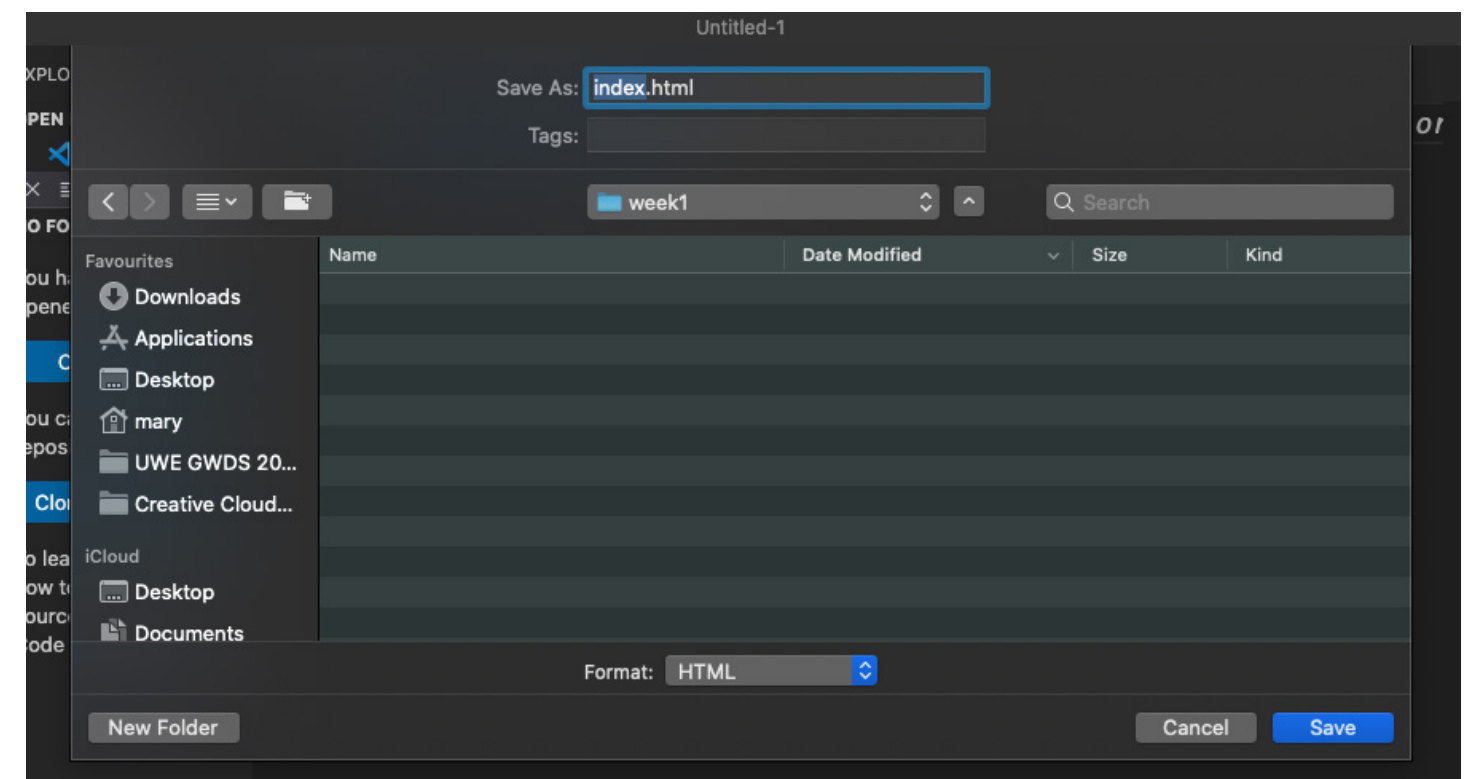
Make sure the format is html before you save. (as shown in the image on the next page)

Your file has now been recognised by GitHub and you need to commit to main. You must comment in the top left input field. It's good to describe what you have done. In this case "create html file."

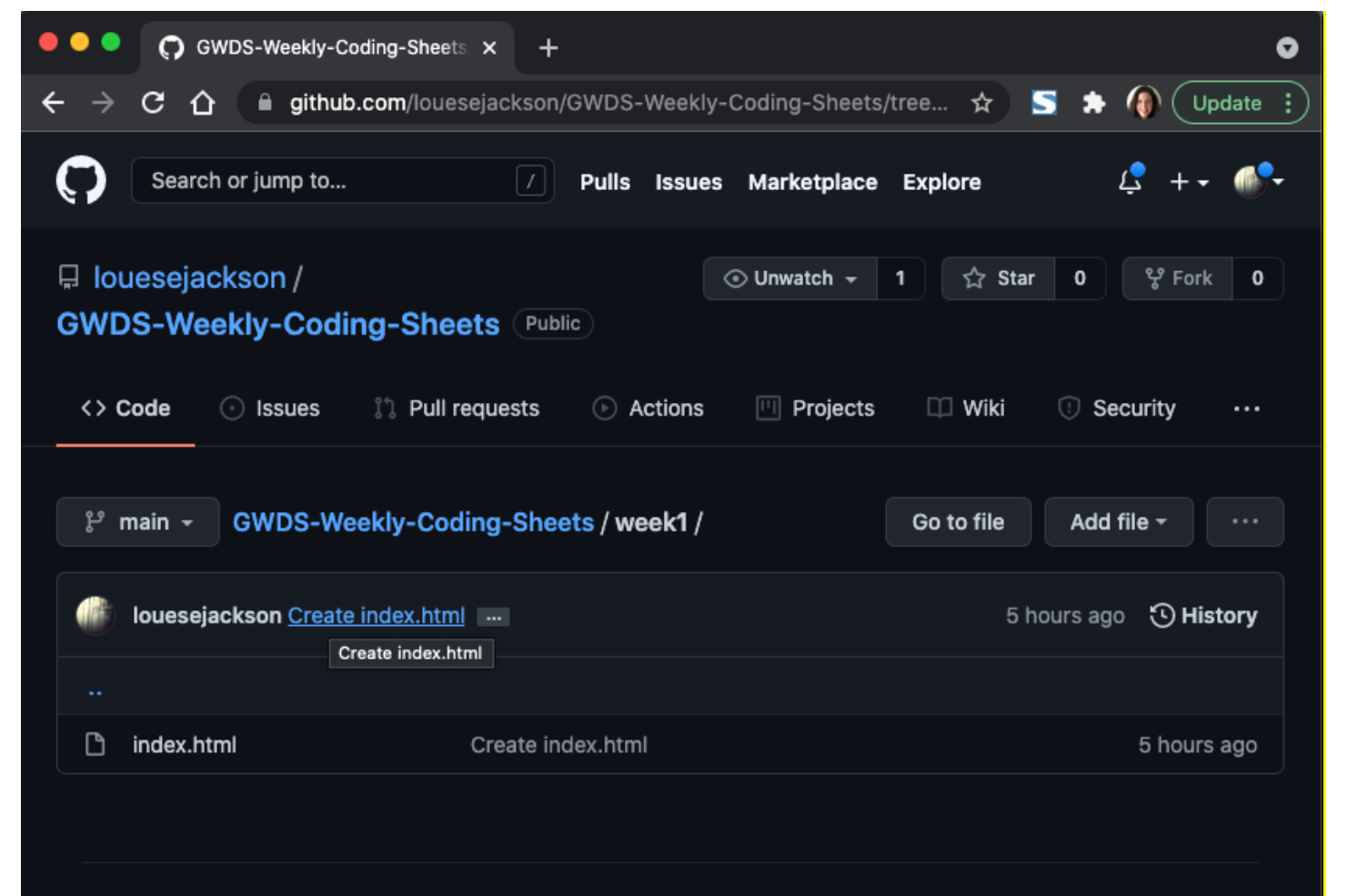
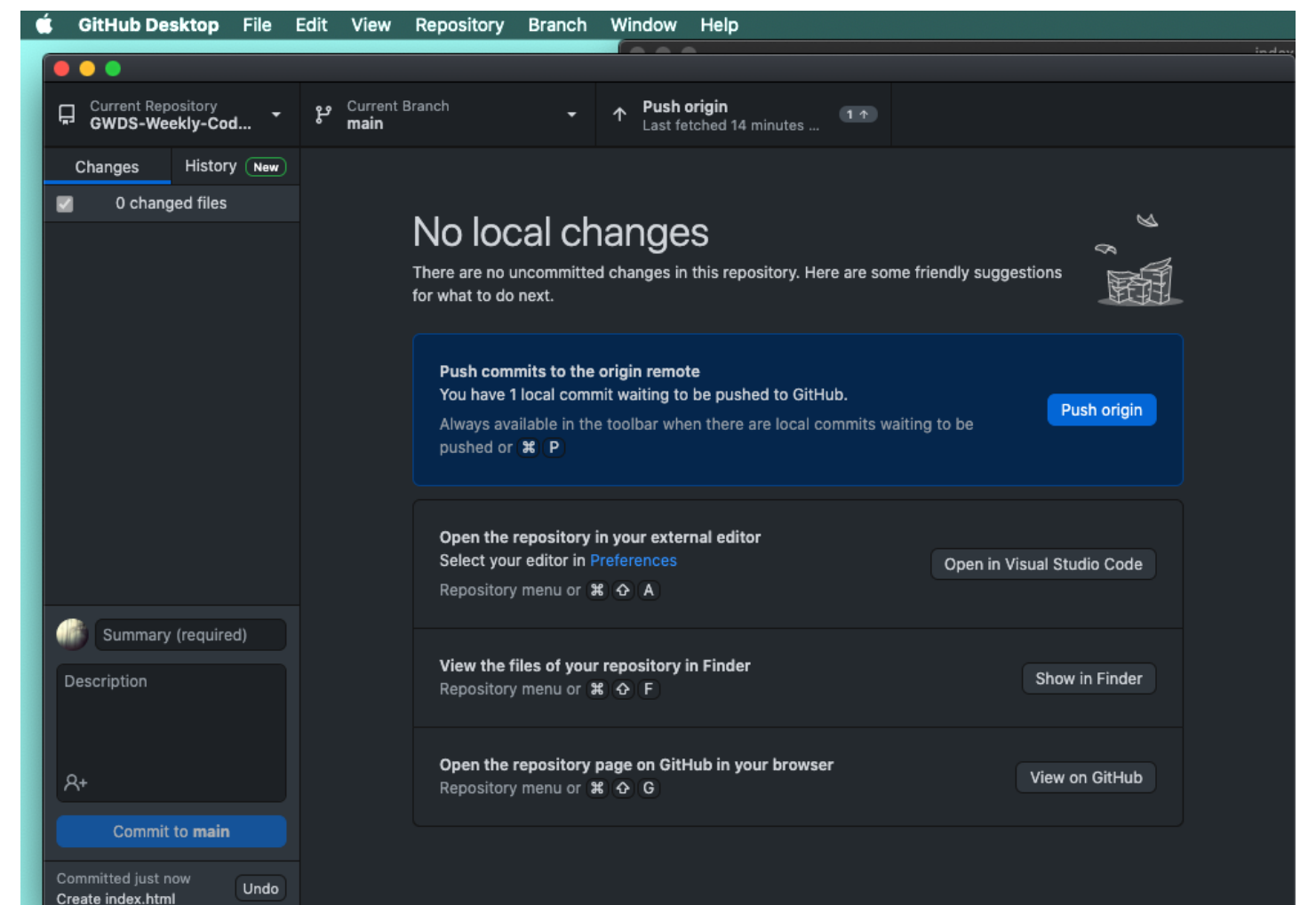
After you commit, you push origin. And it will travel up to GitHub all safe and sound. And if you go to Github.com like you did in step 5, your file will exist there.

(many images below)









# 7

Just one more thing before we go! Head back to your VSC and open index.html if it already isn't. We are going to put a little html in there go show how it all ties together.

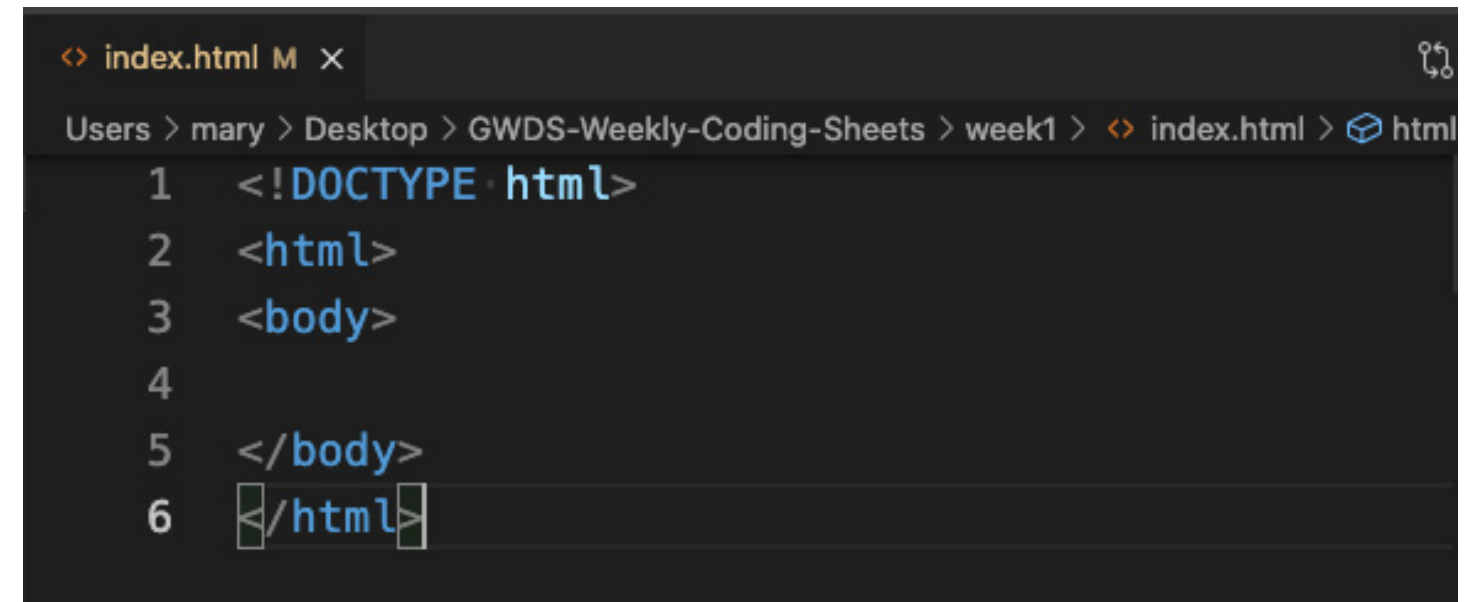
We are going to do some real simple html. Those of you who have done html before, we will get to all the specifics, but consider this a test to make sure you have everything all hooked up.

**Code** in the following shown in the image. (we'll get into the specifics of all this in the next few weeks). **Save**.


In between `<body>` and `</body>` type the following shown in the image to the right (or whatever you want to put there. Remember the grandma rule please). **Save**.

Head over to GitHub desktop and what do you see?

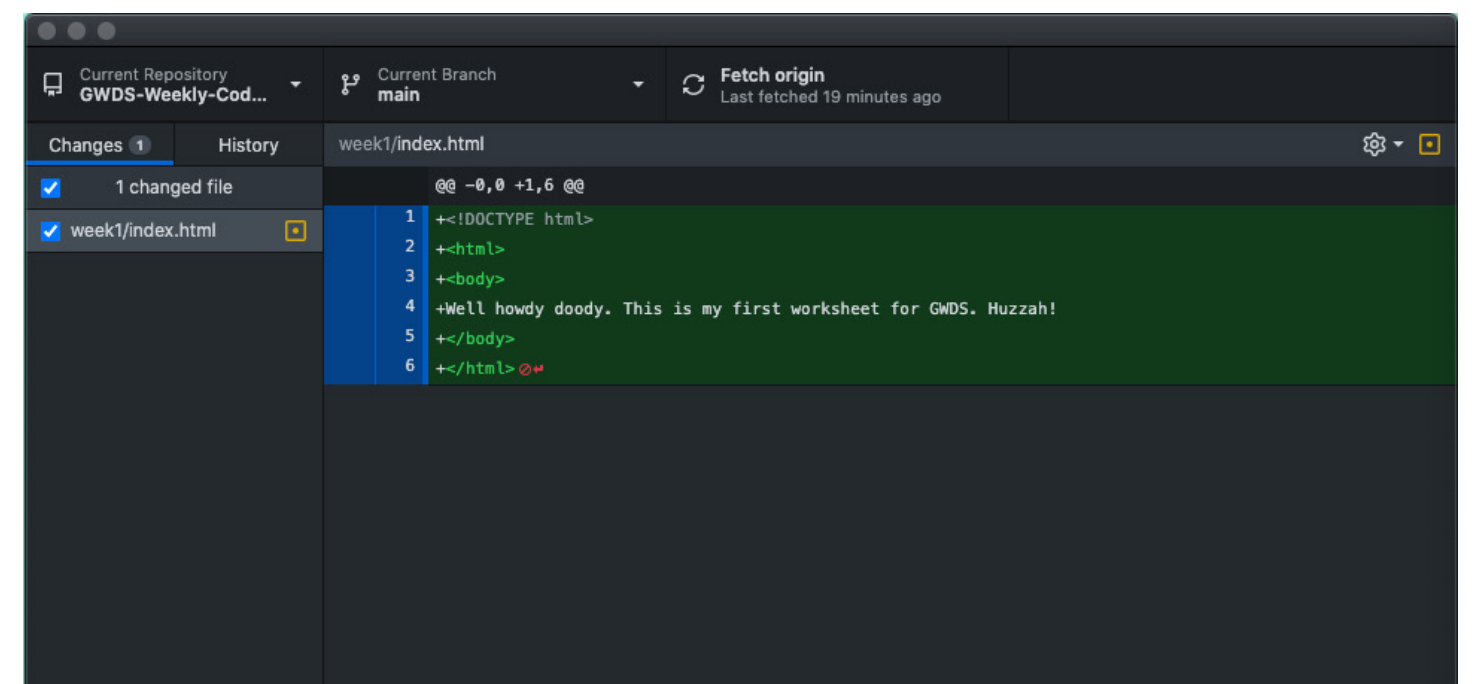
**Commit** and **push**.



```
<> index.html M x
Users > mary > Desktop > GWDS-Weekly-Coding-Sheets > week1 > <> index.html > html
1  <!DOCTYPE html>
2  <html>
3  <body>
4
5  </body>
6  </html>
```



```
<> index.html M ●
Users > mary > Desktop > GWDS-Weekly-Coding-Sheets > week1 > <> index.html > html
1  <!DOCTYPE html>
2  <html>
3  <body>
4  Well howdy doody. This is my first worksheet
   for GWDS. Huzzah!
5  </body>
6  </html>
```



```
Current Repository: GWDS-Weekly-Cod...
Current Branch: main
Fetch origin (Last fetched 19 minutes ago)

Changes: 1 changed file
- week1/index.html

week1/index.html
@@ -0,0 +1,6 @@
1  +<!DOCTYPE html>
2  +<html>
3  +<body>
4  +Well howdy doody. This is my first worksheet for GWDS. Huzzah!
5  +</body>
6  +</html>
```

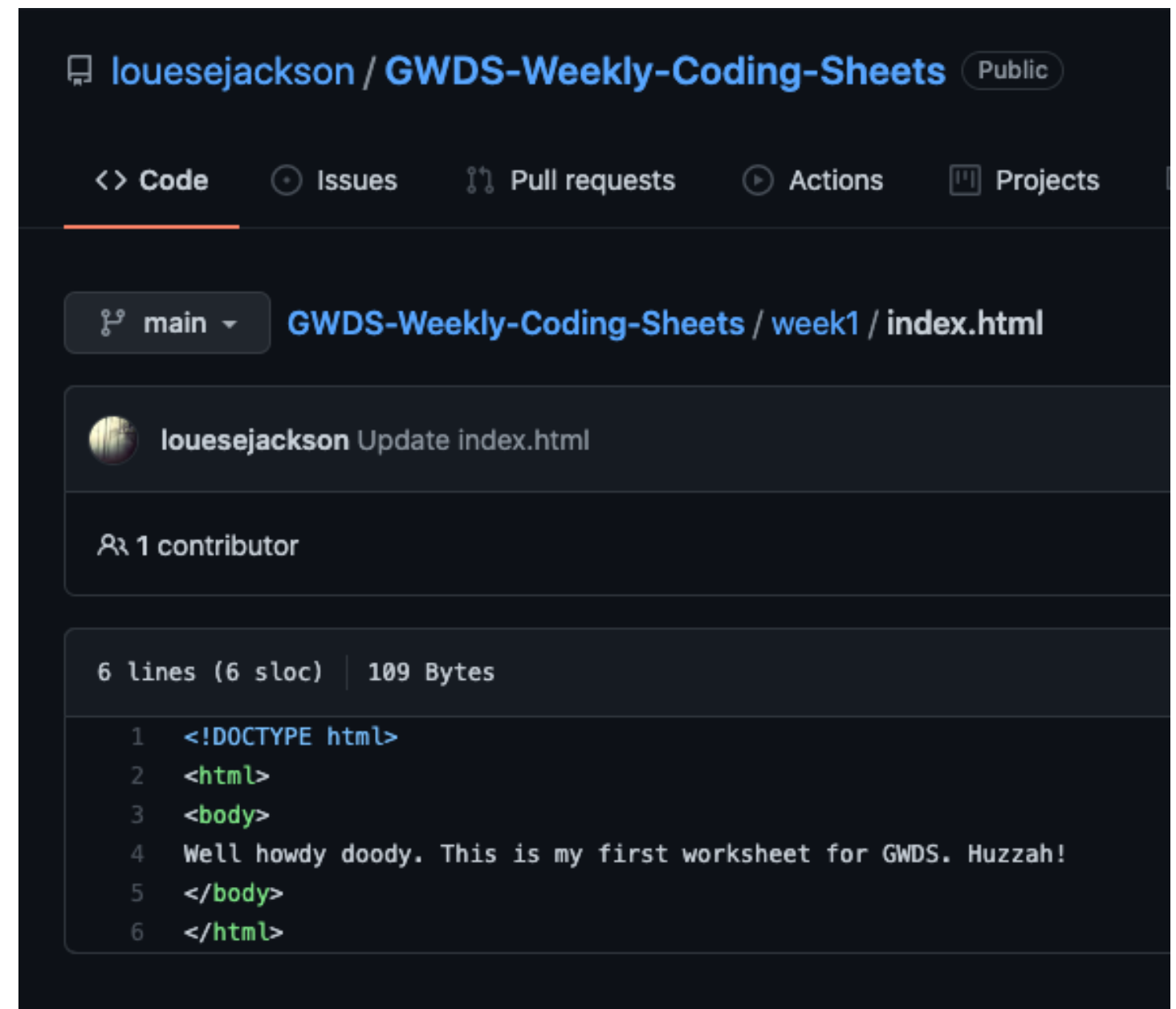
Ta Da! It's on Github.com too. All safe and sound.

8

One last final final. I promise. Go to your folder on your desktop where you are keeping your index.html file and double click it so it opens locally on your computer. This means that it's not hosted online, but you can kind of see a preview of what your are working on. What do you see?

Before you end, double check you **save**, **commit**, and **push**. Done!

See you next week!



The screenshot shows a GitHub repository page for 'louesejackson / GWDS-Weekly-Coding-Sheets' with a 'Public' badge. The navigation bar includes 'Code', 'Issues', 'Pull requests', 'Actions', and 'Projects'. The current view is the 'main' branch, showing the file path 'GWDS-Weekly-Coding-Sheets / week1 / index.html'. A commit by 'louesejackson' titled 'Update index.html' is displayed, showing 1 contributor. The file statistics indicate 6 lines (6 sloc) and 109 Bytes. The code content is as follows:

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4 Well howdy doody. This is my first worksheet for GWDS. Huzzah!
5 </body>
6 </html>
```

