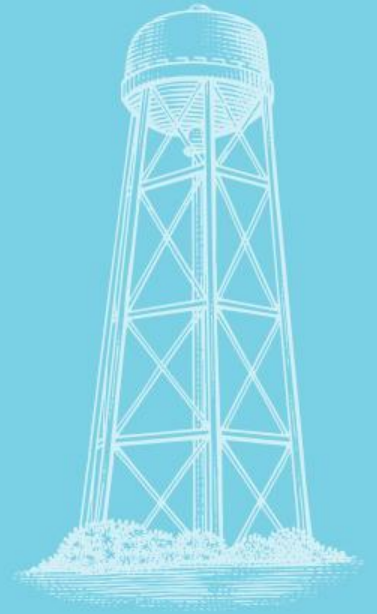


Create a Personal Site



UCDAVIS

Continuing and Professional Education

Step 1

1. Make a folder on your desktop and change the name so it matches your last name without any capital letters, spaces or special characters
2. Create the following images...
 - a. A picture of yourself
 - b. A picture from where you live
 - c. A picture that has to do with what you do
 - d. Three pictures that have to do with three interests or hobbies
3. Open each photo up in Photoshop and export it so that it is not larger than 500px wide or 500px tall. Make sure file names are all lower case and have no spaces.
4. Put the photos in an images folder inside your project folder.
5. Make a folder in your project folder and call it "interests"

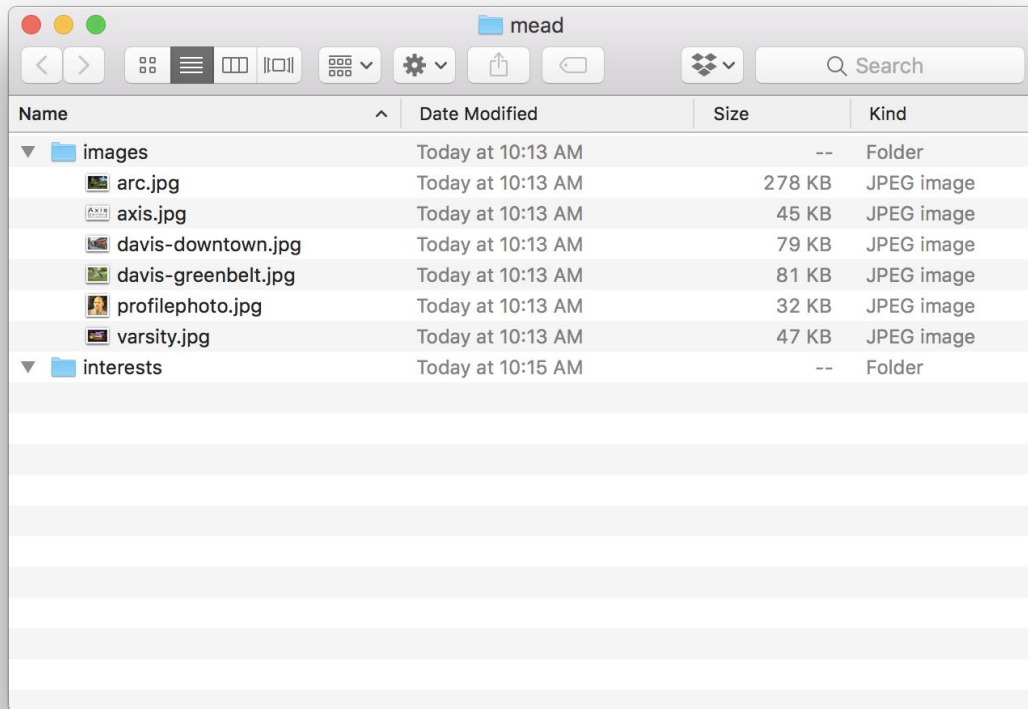
These images can come from anywhere, off your phone, or your social media pages.

You must create all your own images for this assignment.

End Step 1

When you are done with step 1, you should have a folder that looks something like this...

Notice the names of the files. No uppercase characters and no spaces. You can use - or _ if you want.

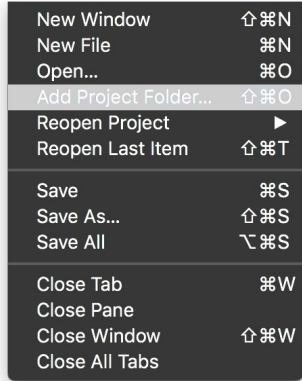


Step 2

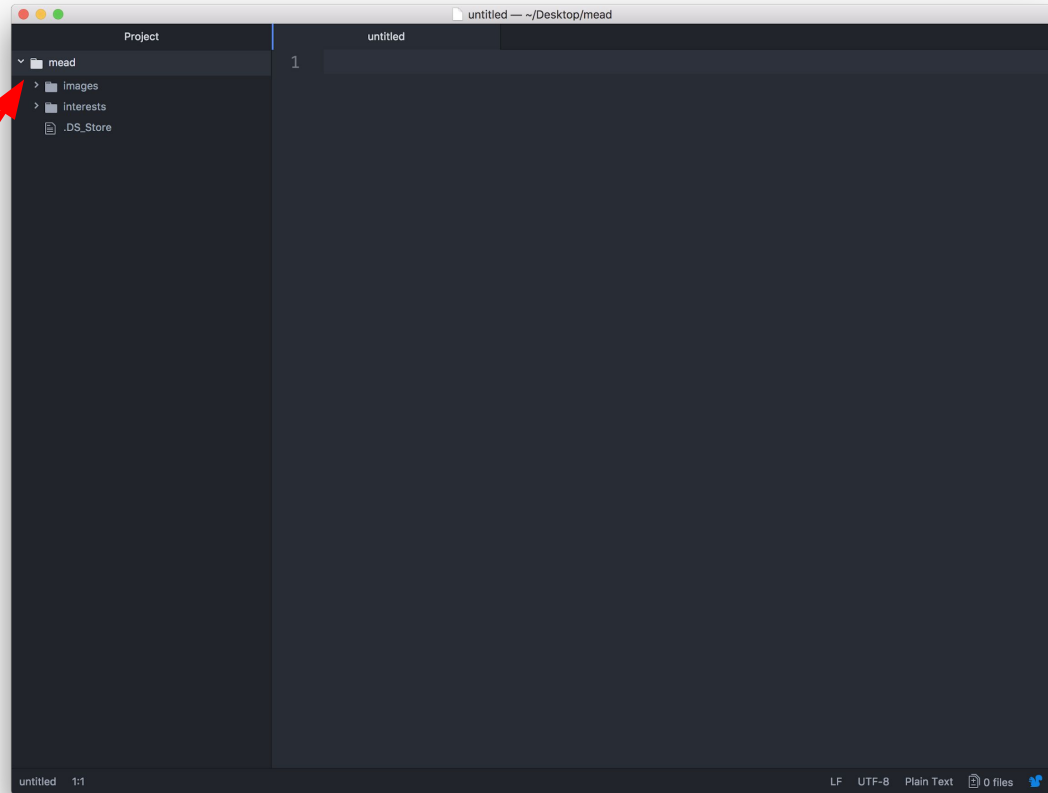
Open a word processor application, such as Microsoft Word, or Text Edit or Notepad and write a few sentence for each page. You will need some text content for each of these pages:

1. The home page, introducing yourself
2. The where you live page – Something about where you live
3. The what you do page – Something about what you do. If you are a full time student, it can be something about that.
4. The main interests page – Something that describes your interests in general
5. A page for each of three interests – Something about each individual interest or hobby.

Step 3 - Make the Home Page



Open Visual Studio Code and from the file menu choose Add Project Folder, then choose your folder from the desktop. It will show up on the side.

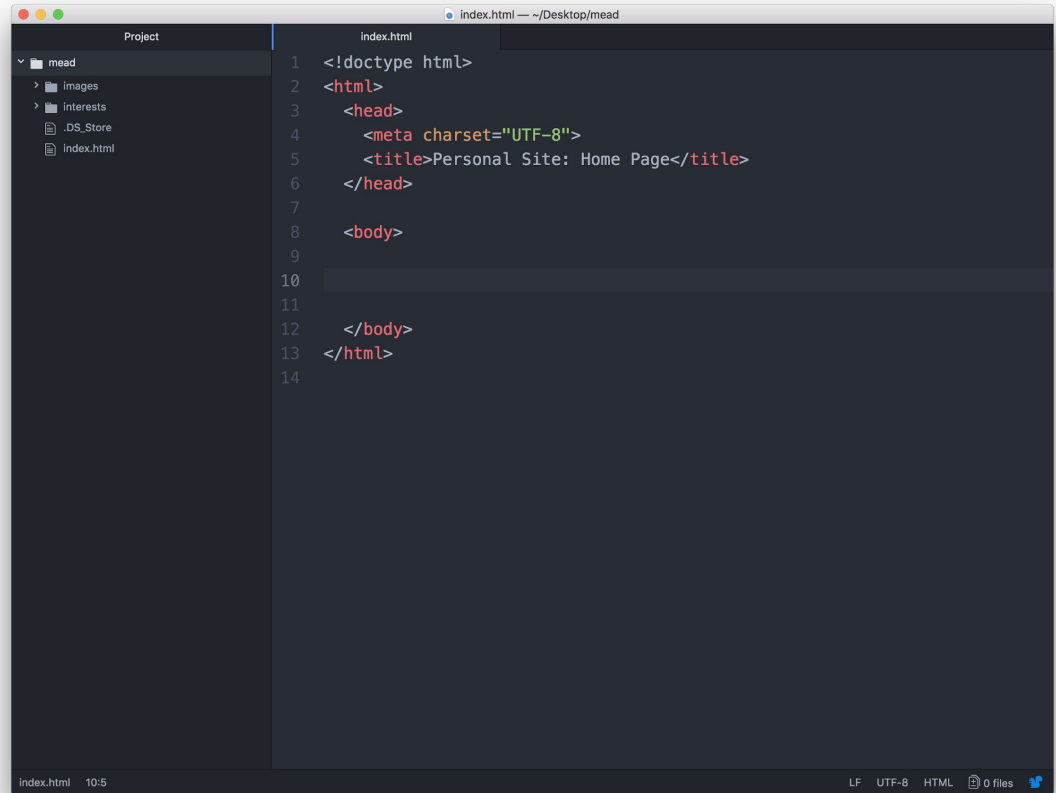


Step 3 - Make the Home Page

Make a new file in VSC and save it as index.html into the project folder.

Add the core tags. Don't forget to use the tab key to indent properly.

If you see a .DS_Store file in the project folder, you can ignore it. It is a hidden Mac file that will not affect your project.

A screenshot of the Visual Studio Code (VSC) editor interface. The left sidebar shows a project folder named 'mead' containing subfolders 'Images' and 'Interests', and files '.DS_Store' and 'index.html'. The main editor area displays the 'index.html' file with the following HTML code:

```
1 <!doctype html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5     <title>Personal Site: Home Page</title>
6   </head>
7
8   <body>
9
10
11
12 </body>
13 </html>
14
```

The status bar at the bottom indicates the file is 'index.html', the time is '10:5', and the encoding is 'UTF-8'.

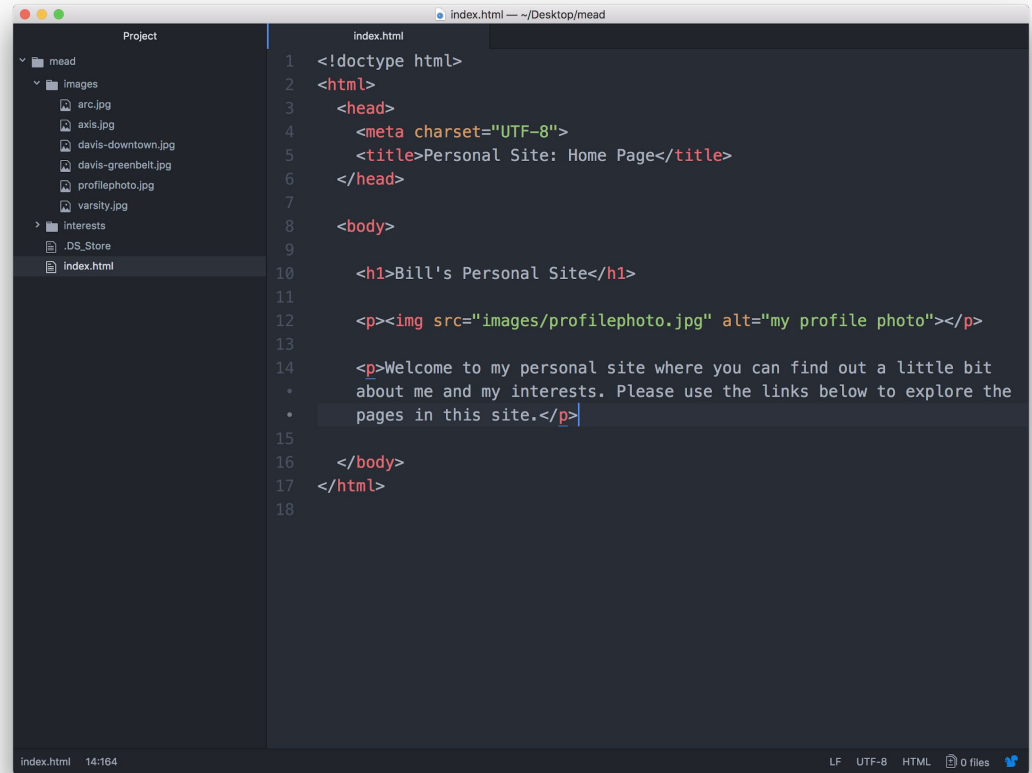
Step 3 - Make the Home Page

Start adding content inside the `<body>` tags. Add `<h1></h1>` tags then put the content inside.

Add the `<p></p>` tags and set the attributes for the image tag properly. Note that to get the image, you must dig down into the images folder to access it, which is why `images/` is before the file name.

Be sure to add the width and height attributes

Add the paragraph of content for the page, copying and pasting content you wrote in step 2.



```
1 <!doctype html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5     <title>Personal Site: Home Page</title>
6   </head>
7
8   <body>
9
10    <h1>Bill's Personal Site</h1>
11
12    <p></p>
13
14    <p>Welcome to my personal site where you can find out a little bit
15      • about me and my interests. Please use the links below to explore the
16      • pages in this site.</p>
17
18  </body>
19 </html>
```

Step 3 - Make the Home Page

To add the navigation for the site, follow these steps. First add the opening and closing `<nav>` and `</nav>` tags.

Then put an unordered list inside using `` and ``

Then add the list item tags inside the ``

Then add the opening and closing `<a>` tags inside the `` tags.

```
<p>Welcome to my personal site where you can find out a little bit  
about me and my interests. Please use the links below to explore the  
pages in this site.</p>
```

```
<nav>
```

```
</nav>
```

```
<nav>
```

```
<ul>
```

```
</ul>
```

```
</nav>
```

```
<nav>
```

```
<ul>
```

```
<li></li>
```

```
</ul>
```

```
</nav>
```

```
<nav>
```

```
<ul>
```

```
<li><a></a></li>
```

```
</ul>
```

```
</nav>
```

Continued on next slide...

Step 3 - Make the Home Page

Then add the word users will click to activate the link, in this case *Home*, between the anchor tags.

Then add the href attribute to the anchor tag. This link is going to link to the page we are currently writing, so it links to this file, "index.html"

Continued on next slide...

```
<nav>

  <ul>
    <li><a>Home</a></li>
  </ul>

</nav>
```

```
<nav>

  <ul>
    <li><a href="index.html">Home</a></li>
  </ul>

</nav>
```

Step 3 - Make the Home Page

To make the second menu item, you can copy the first list item and paste it after, then just change the href value to "where.html" and the text users click on to activate the link.

You can do the same thing for the work page and the interests page menu items.

Note that the interests page is going to be located in the folder called interests, and the main interests page is going to be the default file in that folder, so the file name will be set to [index.html](#)

Continued on next slide...

```
<ul>
  <li><a href="index.html">Home</a></li>
  <li><a href="where.html">Where I Live</a></li>
</ul>
```

```
<ul>
  <li><a href="index.html">Home</a></li>
  <li><a href="where.html">Where I Live</a></li>
  <li><a href="work.html">What I Do</a></li>
  <li><a href="interests/index.html">My Interests</a></li>
</ul>
```

Step 3 - Make the Home Page

It is VERY important that you structure this HTML properly. The links to the sub pages inside the interests folder are going to be in a sub list.

That sub list goes *inside* the list item for the interests menu item, so move the closing `` down.

Continued on next slide...

```
<ul>
  <li><a href="index.html">Home</a></li>
  <li><a href="where.html">Where I Live</a></li>
  <li><a href="work.html">What I Do</a></li>
  <li><a href="interests/index.html">My Interests</a>
</li>
</ul>
```

That closing `` was here

Step 3 - Make the Home Page

Add a new set of `` tags inside the list item...

Then, as before, add the `` tags, then then `<a>` tags, and then the clickable text between the `<a>` tags...

Continued on next slide...

```
<ul>
  <li><a href="index.html">Home</a></li>
  <li><a href="where.html">Where I Live</a></li>
  <li><a href="work.html">What I Do</a></li>
  <li><a href="interests/index.html">My Interests</a>
```

```
  <ul>
    </ul>
```

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

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

```
<ul>
  <li><a></a></li>
</ul>
```

```
<ul>
  <li><a>Walk My Dog</a></li>
</ul>
```

Step 3 - Make the Home Page

Add the href attribute to the link for the sub page. Note that the page is going to be located in the interests directory, so you have to add the folder name...

[interests/](#) followed by the file name...

[dog.html](#)

Then add links to the last two files. The navigation is finished. Next you need to make these files...

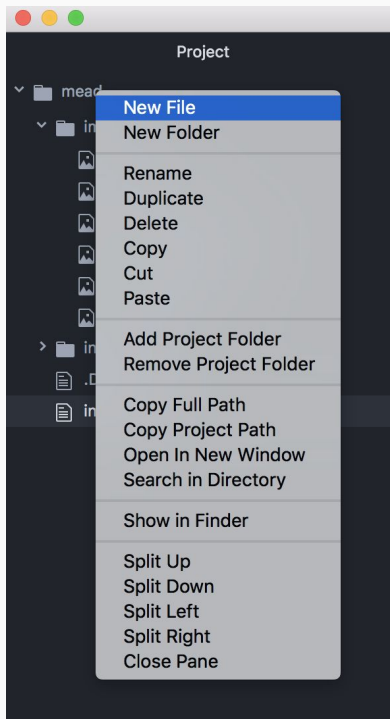
```
<ul>
  <li><a href="interests/dog.html">Walk My Dog</a></li>
</ul>
```

```
<ul>
  <li><a href="interests/dog.html">Walk My Dog</a></li>
  <li><a href="interests/movies.html">Go to Movies</a></li>
  <li><a href="interests/art.html">Make art</a></li>
</ul>
```

Step 4 - Make the Other Files

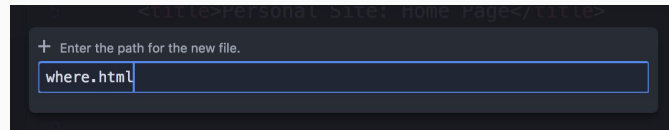
Notice the files you need to make. You need one called `where.html`, one called `work.html` and in the `interests` folder you need `index.html` and three other files.

(Mine are `dog.html`, `movies.html` and `art.html`, yours might have different file names, depending on the interests you chose.)

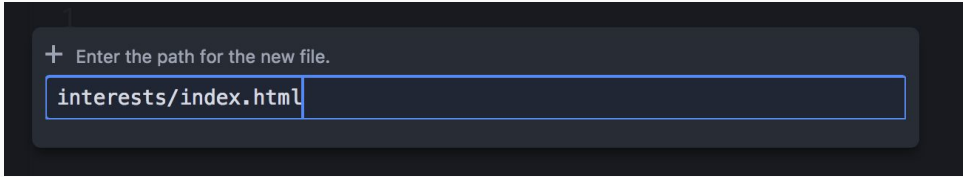


You can make new files in the folder by right clicking, or control clicking the folder where you want to make the file.

Right click on the main folder name and choose "New File" from the menu, type the file name you want, and press enter.



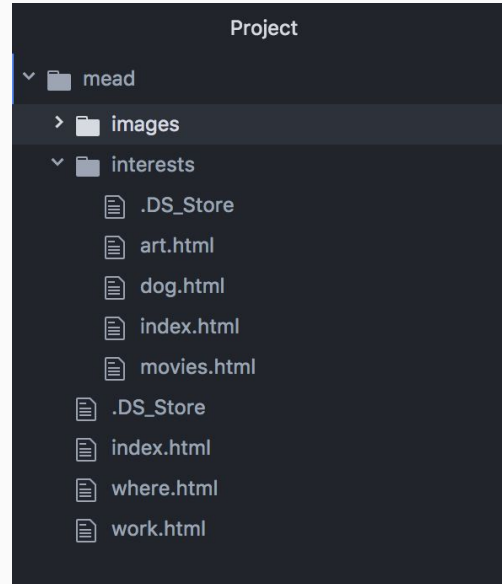
Step 4 - Make the Other Files



When you right click on the interests folder and choose "New File" you will notice it puts that folder's name in the path to the file you are creating.

On the right you can see all the pages have been made and are in the correct folder. Make sure the file names match EXACTLY what is in the navigation HTML.

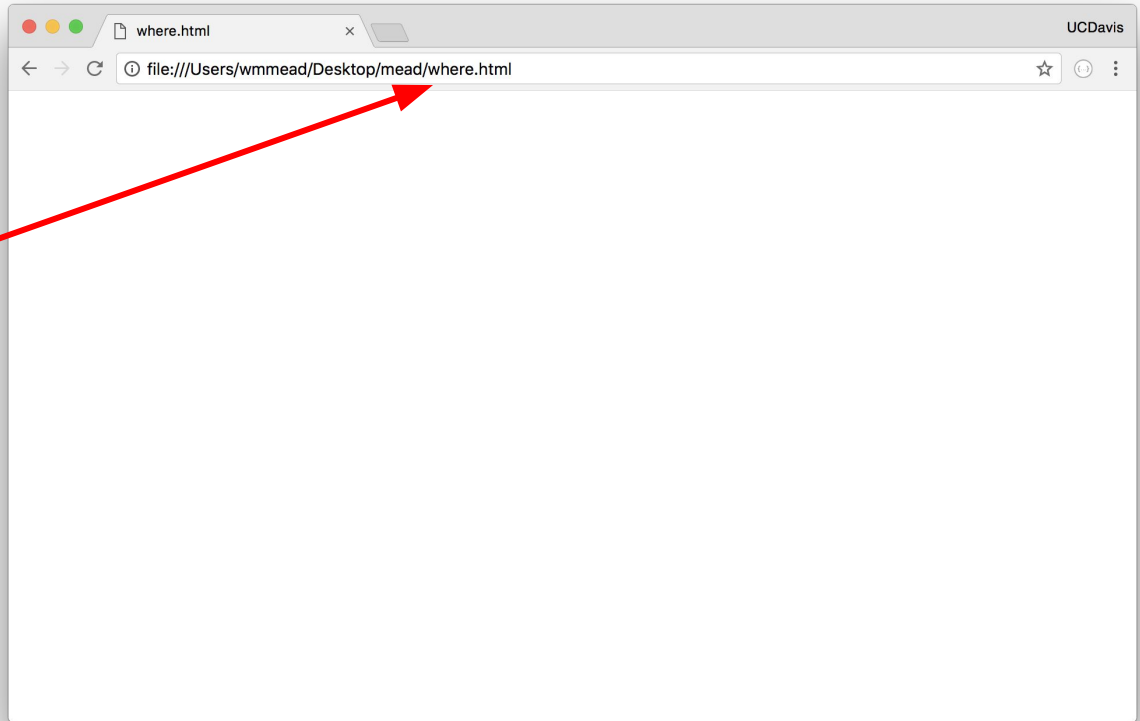
None of these files have any content in them yet, but they are all created and linked from the main page.



Step 4 - Make the Other Files

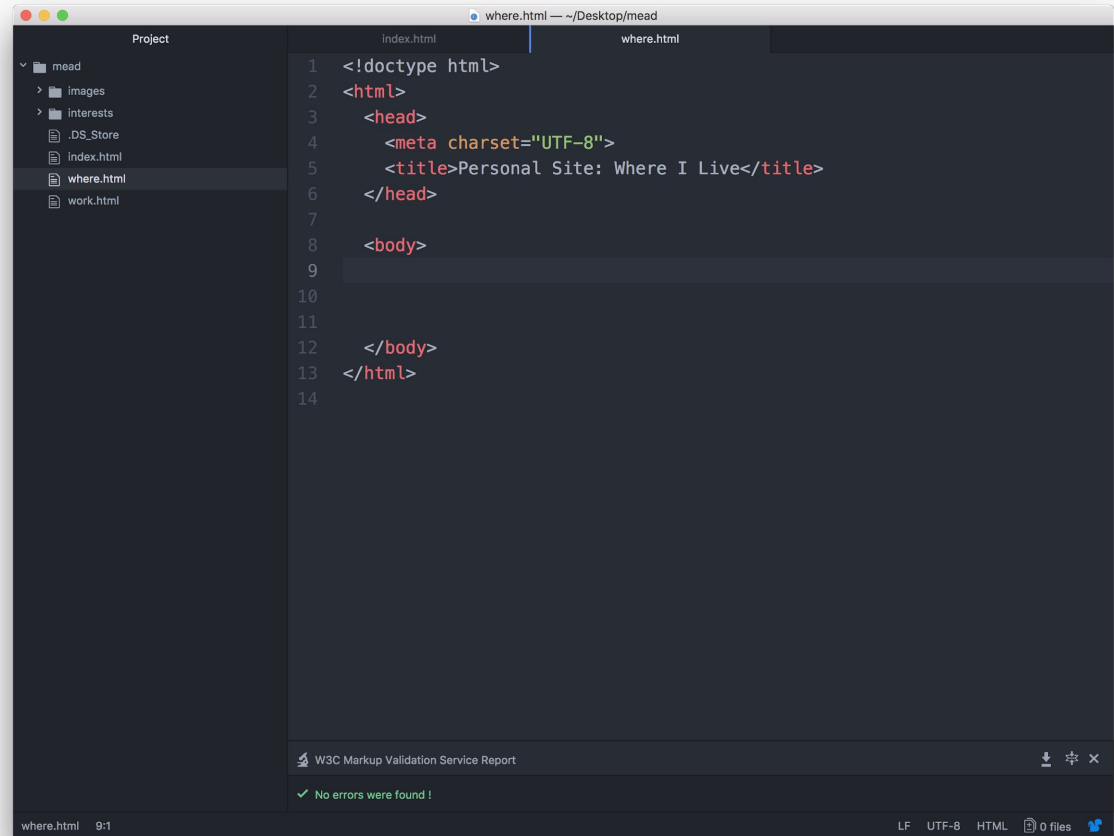
Open the index.html file in the browser and click each link. Each page that comes up is blank but you should see the file name in the browser URL. That means you linked to it correctly.

If you get a broken link, go back to your navigation and make sure did it properly.



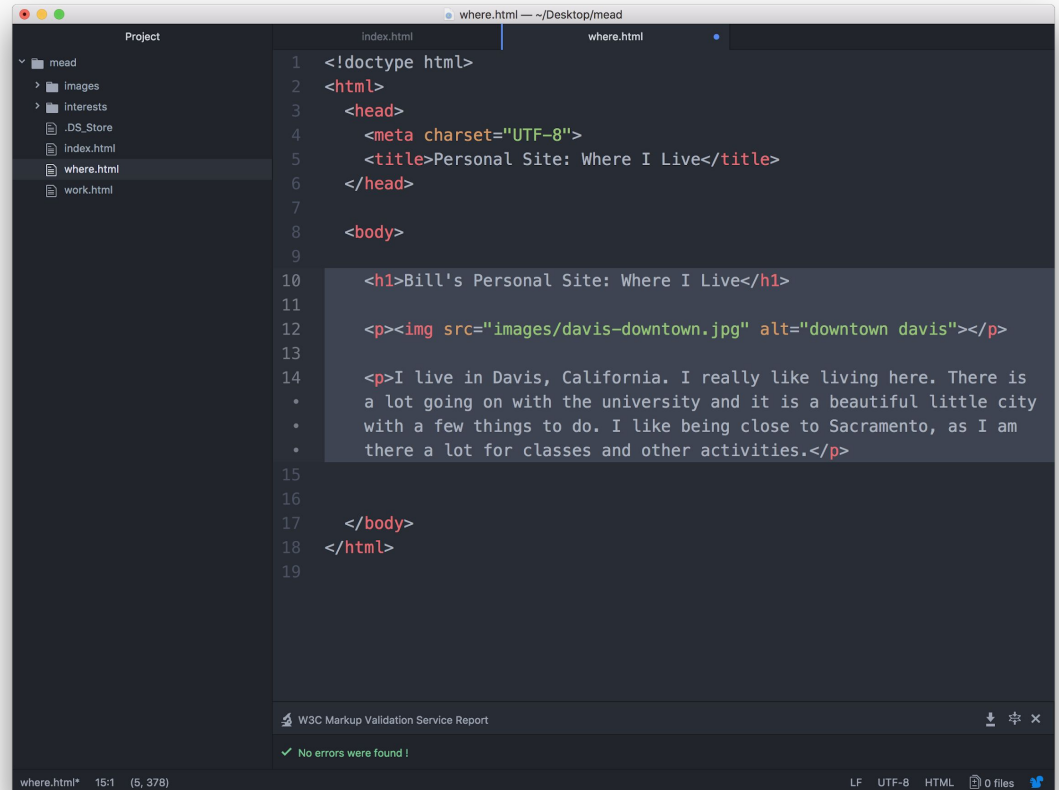
Step 5 - Add Content to Other Files

Open the where.html file and add the core tags. Set the title properly.



Step 5 - Add Content to Other Files

Add the `<h1>` and `<p>` tags with the images and content for the where page. Make sure the image is linked properly. Be sure to add the width and height attributes.



```
1 <!doctype html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5     <title>Personal Site: Where I Live</title>
6   </head>
7
8   <body>
9
10    <h1>Bill's Personal Site: Where I Live</h1>
11
12    <p></p>
13
14    <p>I live in Davis, California. I really like living here. There is
    • a lot going on with the university and it is a beautiful little city
    • with a few things to do. I like being close to Sacramento, as I am
    • there a lot for classes and other activities.</p>
15
16
17  </body>
18 </html>
19
```

W3C Markup Validation Service Report

✓ No errors were found !

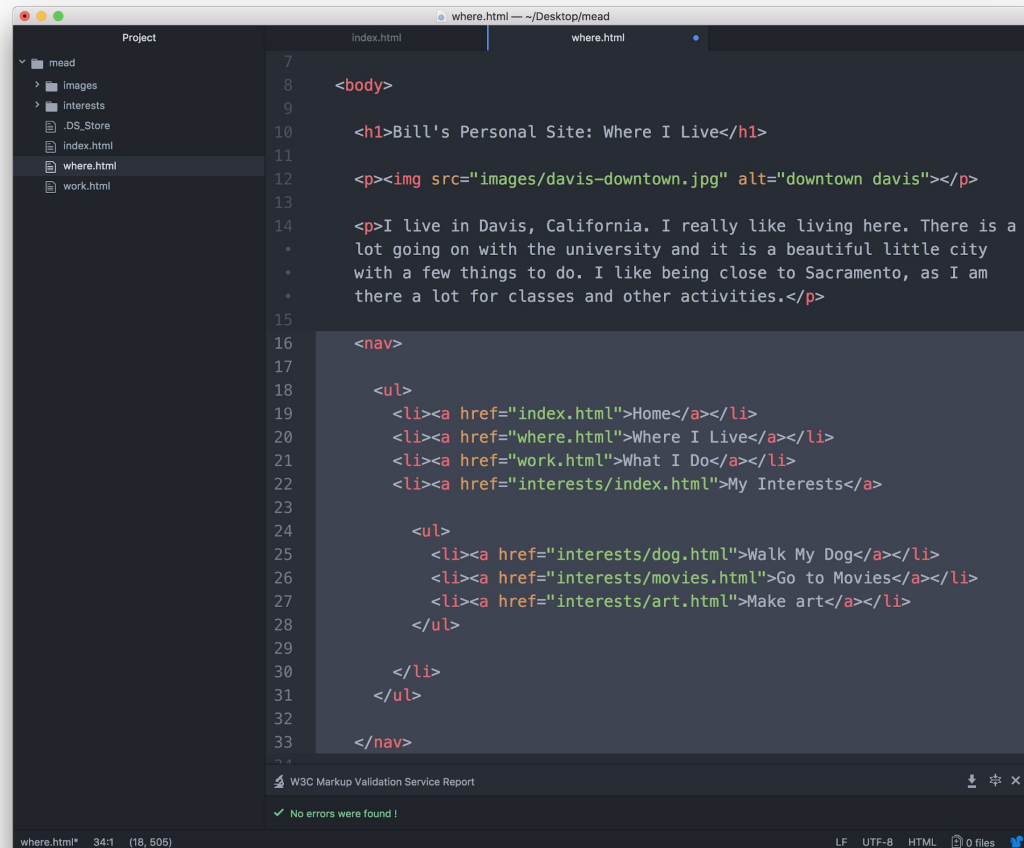
where.html* 15:1 (5, 378) LF UTF-8 HTML 0 files

Step 5 - Add Content to Other Files

Add the navigation, but DO NOT type it from scratch. Instead copy and paste the navigation from the index.html file.

Typing it from scratch leaves too much opportunity for mistakes and you have already tested the navigation, so it should function properly.

Repeat the process for the work.html file



```
7
8 <body>
9
10 <h1>Bill's Personal Site: Where I Live</h1>
11
12 <p></p>
13
14 <p>I live in Davis, California. I really like living here. There is a
15 * lot going on with the university and it is a beautiful little city
16 * with a few things to do. I like being close to Sacramento, as I am
17 * there a lot for classes and other activities.</p>
18
19 <nav>
20   <ul>
21     <li><a href="index.html">Home</a></li>
22     <li><a href="where.html">Where I Live</a></li>
23     <li><a href="work.html">What I Do</a></li>
24     <li><a href="interests/index.html">My Interests</a>
25       <ul>
26         <li><a href="interests/dog.html">Walk My Dog</a></li>
27         <li><a href="interests/movies.html">Go to Movies</a></li>
28         <li><a href="interests/art.html">Make art</a></li>
29       </ul>
30     </li>
31   </ul>
32
33 </nav>
```

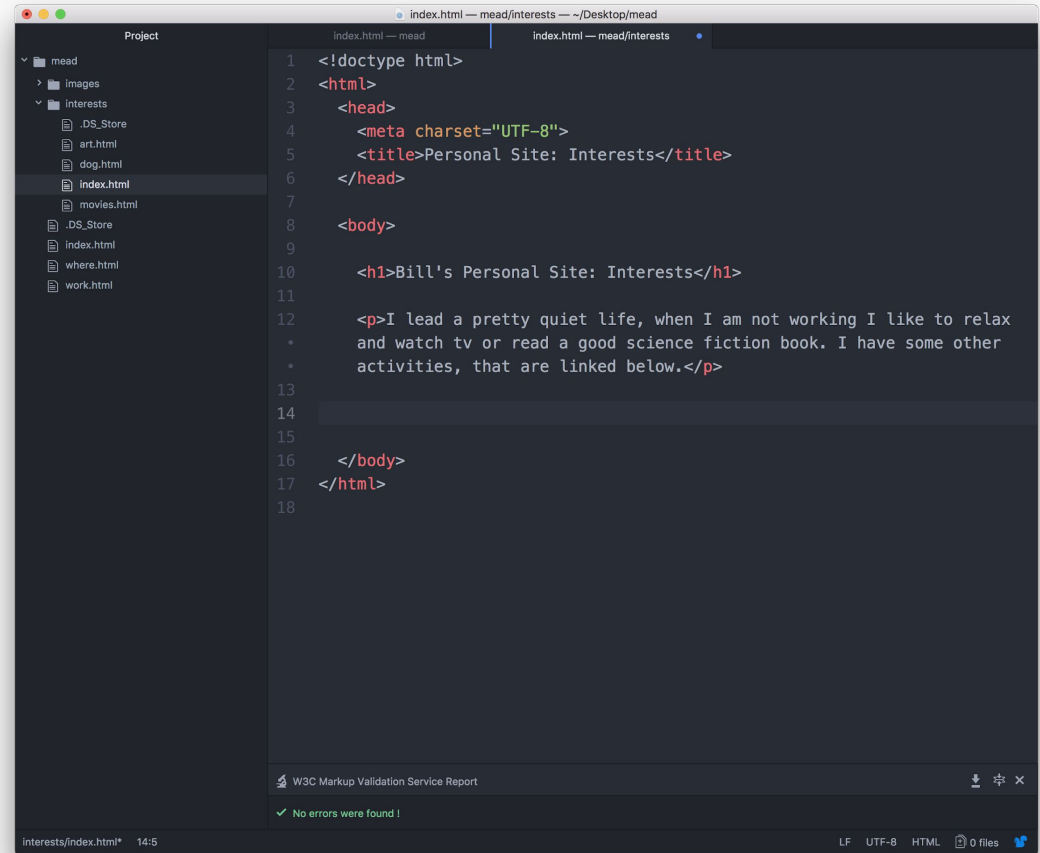
where.html* 34:1 (18, 505) LF UTF-8 HTML 0 files

Step 5 - Add Content to Other Files

When you get to the files inside the interests directory, they start exactly the same as the others, with the core tags, and the basic content for each page.

(My index.html file in the interests folder did not include an image).

However, when you paste in the navigation, notice that it needs to be adjusted!



```
1 <!doctype html>
2 <html>
3 <head>
4   <meta charset="UTF-8">
5   <title>Personal Site: Interests</title>
6 </head>
7
8 <body>
9
10  <h1>Bill's Personal Site: Interests</h1>
11
12  <p>I lead a pretty quiet life, when I am not working I like to relax
13  * watch tv or read a good science fiction book. I have some other
14  * activities, that are linked below.</p>
15
16 </body>
17 </html>
18
```

Project

- mead
 - images
 - interests
 - .DS_Store
 - art.html
 - dog.html
 - index.html
 - movies.html
 - .DS_Store
 - index.html
 - where.html
 - work.html

index.html — mead/interests

W3C Markup Validation Service Report

✓ No errors were found !

interests/index.html* 14:5

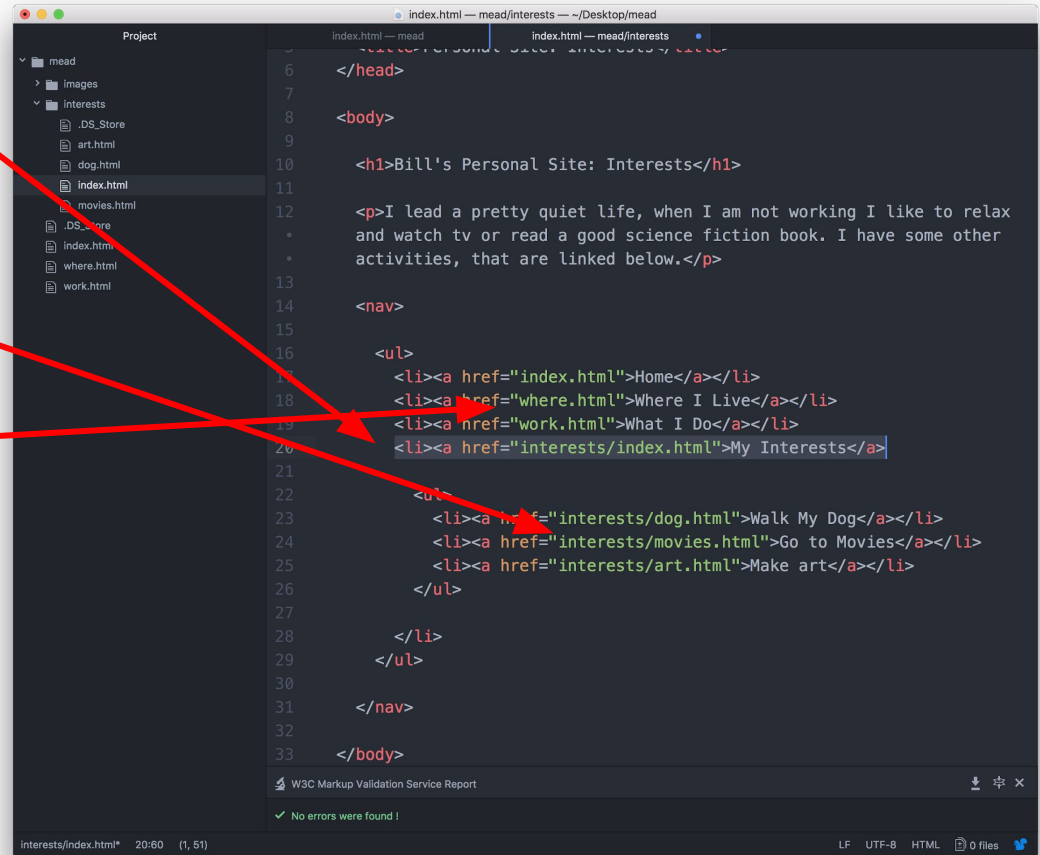
LF UTF-8 HTML 0 files

Step 5 - Add Content to Other Files

We are making the navigation for this page, so we need to remove the directory path.

Also we need to remove the directory paths for the other files in this same folder.

For the links to files in the parent folder, we need to add ../ to each of those links....



```
6 </head>
7
8 <body>
9
10 <h1>Bill's Personal Site: Interests</h1>
11
12 <p>I lead a pretty quiet life, when I am not working I like to relax
13 * and watch tv or read a good science fiction book. I have some other
14 * activities, that are linked below.</p>
15
16 <nav>
17
18 <ul>
19 <li><a href="index.html">Home</a></li>
20 <li><a href="where.html">Where I Live</a></li>
21 <li><a href="work.html">What I Do</a></li>
22 <li><a href="interests/index.html">My Interests</a></li>
23
24 <li><a href="interests/dog.html">Walk My Dog</a></li>
25 <li><a href="interests/movies.html">Go to Movies</a></li>
26 <li><a href="interests/art.html">Make art</a></li>
27 </ul>
28
29 </li>
30 </ul>
31
32 </nav>
33
34 </body>
```

W3C Markup Validation Service Report

✓ No errors were found !

interests/index.html* 20:50 (1, 51) LF UTF-8 HTML 0 files

Step 5 - Add Content to Other Files

Here is an image of the corrected navigation for all files inside the interests directory.

Once you have the index.html file in the interests folder properly created, you can add content and this corrected navigation to the other html files inside the interests directory.

When you are done. Test it all in the browser.
All pages should link to all other pages.

Run the pages through the HTML validator to make sure you don't have any errors.

