

In-Class Activity #2 – Exploring Directory Structures

Instructions

Make a copy of this document, and save it to your Drive. Then, fill out any label that is highlighted like this.

In this assignment, you'll be asked to write the paths to different files. All questions are based on the repo structure found here –

<https://github.com/anthonypinter/anthonypinter.github.io>

If you'd like to see what this website looks like, it is Anthony's personal website –

<https://www.anthonypinter.com>.

For each question, you'll be told what file you are in, and what file you are being asked to reference. **You should not need to clone/download the repo, nor open any files.** This activity can be completed just by looking at the repo in GitHub.

Download your completed activity as a PDF and submit to the In-Class Activity 2 dropbox on Canvas. Be sure to also upload to the ica folder of your website and update your GitHub README.

Name:

Questions:

1. Assume you are in the **index.html** file, and want to edit the links in the navbar. Specifically, what would the path be to link to the **about.html** page?
 - a. Answer: The index.html and about.html files are not only in the same folders, but also both in the root folder. This means that you can use either **"/about.html"** (Accessing it from the root), or just **"about.html"** (Accessing it from the same folder).
2. Assume you are in the **index.html** file, and want to apply CSS to the page. What would the path be to link to the **index.css** file?
 - a. Answer: Once more, since we are in the root folder, you can access index.css in at least two ways. Both: **"/css/index.css"** and **"css/index.css"** (No first forward-slash) would work. Of course, it's redundant to use the / to go to the root, so it's probably best to simplify and use the second option.
3. What element would you put that path in? (Give the full element). Where would it go in the index.html file?
 - a. Element: Though I don't see one currently in the index.html file, it's my understanding that you'd place the path to the index.css file in a **<style>** element.
 - b. Location in HTML file: Said style element would go in the **head**, which I also don't see in this file.
4. Find where the **codepoetry2021.html** file is located in the repo. What sub-directory (folder) is it in?
 - a. Answer: It's in **"/projects/"**. So the full path, starting from the root, is **"/projects/codepoetry2021.html"**.
5. Imagine you wanted to add a link back to the **index.html** file in the **codepoetry2021.html** file. What would the path to that file be?
 - a. Answer: Since index.html is already in the root, you'd just need to do **"projects/codepoetry2021.html"** to access codepowtry2021 from index.
6. What about applying some CSS – namely that same **index.css** from before. What would the path be to correctly link to that file, from the **codepoetry2021.html** file?
 - a. Answer: To access index.css from codepoetry2021.html, you'd need to use either **"/css/index.css"** or **"/css/index.css"**. Both do the same thing, and are pretty simple.
7. There's a file called **headshot** somewhere in the repo. Where is it?
 - a. Answer: While I don't see a file called "headshot," I do see a file called **"headshots"** (Plural), which I assume is what this question regards. Said folder is accessed absolutely with **"/assets/headshots/"**
8. What would the path be to add that **headshot** file to the **index.html** file? What would the full element be? Where would it go in the **index.html** file?

- a. Path: Either the one I gave above in response to question 7, or more simply, **“assets/headshots/”** (First ‘/’ omitted), since index.html is already in the root.
 - b. Full Element: I’ve pasted the full element below:

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Replacing **IMAGENAME** with the image file completes and makes work the element.
 - c. Location in HTML file: Within the div titled “headshot.”
9. The **contact.html** page is a good place to add external links. What would the path be to add a link to the front page of the New York Times? What type of path is this?
 - a. Path: `[TEXT TO DISPLAY LINK WITH]`
(But replace the bolded text with whatever’s needed)
 - b. What type of path: This would be an absolute path, since you’re accessing an external computer’s information, and do not have access to the file from a position relative to the main website’s own file system (Or at least, that’s how I understand it).
10. What is going on in the **_data** sub-directory? Namely, what type of files are there (what is a .yml file)? Where on Anthony’s site do you think the contents of those files display (take a guess, based on the names of the files)? *You might need to look at Anthony’s actual website.*
 - a. What is a .yml file: A .yml (“yeah-mull”) file is just a specifically formatted file which stores data, sort of like a CSV (not in terms of formatting, but in terms of function), I believe.
 - b. Where is the data in those files displayed: With the way you’ve used them on the website, the data in each file is displayed on the page whose title corresponds to the filename. In addition, the headshots.yml file is having its data used to get the directories of the various headshot images that appear on the home page.
11. What about the **_includes** sub-directory? What do you think the files in that sub-directory accomplish, based on their titles? *You might need to look at Anthony’s actual website.*
 - a. Where do the files in the _includes sub-directory appear: While I haven’t been able to see how exactly these files are referenced by others, the “navbar” file is made to show on the left of the screen, to form the thing its name implies, while the “headshot” file, whose contents I don’t yet understand, seem to do something that perhaps aids in the randomization of the selected image upon the loading of the page. I do see that the “navbar” file seems to be used in the body of the page, constituting the first div within that.