

## 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: Conor Fagan**

**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: /about.html
  - b. about.htmlAnswer: a
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: ../css/index.css or css/iindex.cssAnswer: css/index.css
3. What element would you put that path in? (Give the full element). Where would it go in the index.html file?
  - a. Element: <link rel="stylesheet" href="css/index.css">
  - b. Location in HTML file: head
4. Find where the **codepoetry2021.html** file is located in the repo. What sub-directory (folder) is it in?
  - a. Answer: projects
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: ../index.html
  - b. /index.htmlAnswer: a
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: /css/index.css
  - b. ../css/index.cssAnswer: b
7. There's a file called **headshot** somewhere in the repo. Where is it?
  - a. Answer: In the js folder
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: assets/headshots/....
  - b. /js/headshot.jsAnswer: b
  - c. Full Element: <script src = "/js/headshot.js"> </script>
  - d. Location in HTML file: head
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: <a href="https://www.nytimes.com/"></a>

- b. What type of path: Absolute
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: It is a text document that contains data formatted using YAML. Used as a config file independent of any specific programming language. (Source: <https://fileinfo.com/extension/yml>)
  - b. Where is the data in those files displayed: Each is displayed in their respective categories. projects.yml in the projects page, publications.yml in the publications page, headshots.yml shows which picture to display on which page, and news.yml displays on the "most recently" section of the homepage.
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: I think they are simply to compartmentalize the code by having the head and navbar tags in separate files to avoid cluttering the index.html file