2017-11-07 Lab

Github offers a service called [Github Pages](#) that allows you to easily put static webpages online. We will be using that service for you to create your own personal website. The goals of this lab are:

- for you to practice HTML and CSS
- for you to practice committing and pushing in git

Although you have been assigned lab partners, you will each be working on your own webpage. Consider your partner as your first resource before asking other people.

1. Follow the instructions on https://pages.github.com/ to create a repository for your Github Page. Make sure your repository is named correctly - it *must* be `YOUR_USER_NAME.github.io` (where `YOUR_USER_NAME` is, well, your user name). You don't need to download Github Desktop - just copy the URL.

2. Clone the repository in GitKraken, and allow GitKraken to initialize the repository for you.

3. Open the folder as a new project in PyCharm. Create a new HTML file called `index.html` (note it should be all lower-case). The filename is important, since servers will look for this file by default; this allows people to type `https://justinnhli.github.io/` instead of `https://justinnhli.github.io/index.html`.

4. Copy and paste this simple HTML into your file:

   ```
   <!DOCTYPE HTML>
   <html>
           <head>
                   <meta charset="utf-8">
                   <title>Hello, World!</title>
           </head>
           <body>
                   Hello, World!
           </body>
   </html>
   ```

5. Back in GitKraken, stage, commit, and push your file to Github.

6. Go to `https://YOUR_USER_NAME.github.io` - you should see the hello world page you just created. If you get an error, double check that your repository name and your URL are correct. If it still doesn't show up, wait a couple minutes and try again.

7. The remainder of this lab is for you to create the webpage design you submitted as "reading" yesterday. Here are some requirements for your webpage, which many of your designs already fulfill:

   - Have at least one image
   - Styled using CSS
   - Contain a link to somewhere on the internet

8. When you are done, [fill out the evaluation](#).