Moving to the Server / Practicing with Visual Studio Code/ and Validating our HTML Pages
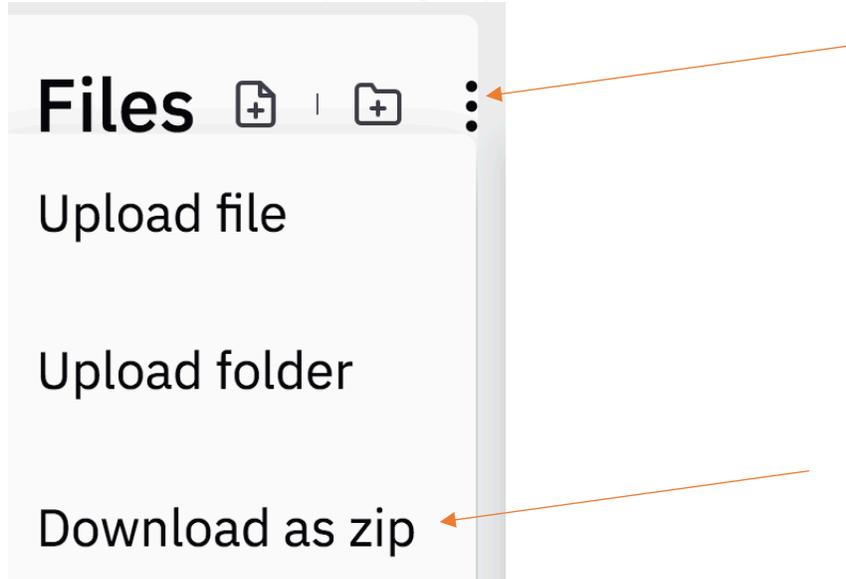
Step 1: Getting our Code

1. Bring up your homepage in replit
2. Download all files as a zip through replit here:

3. Open the zip file and move the folder to a location on your computer of your choice (you can rename the folder too)

Step 2: Using an FTP tool to upload your webpage to the NEIU server

4. Bring up FileZilla.
   a. Go to: File > Site Manager
   b. Click on New Site, Give it a name.
   c. Fill out the information:
      i. Protocol: SFTP (change it to SFTP not FTP)
      ii. Host: cs.neiu.edu
      iii. Username: fl21_neiuusername (Replace neiuusername with your actual NEIU user name)
      iv. Password: (I will tell in you in class and it will be in the class recording on D2L)
      v. Connect
5. Once connected, take a look at the screen. The right-hand side of the screen is what is on the server, the left is your local computer. On the left-hand size, go to the directory where your files are.
6. You will need to move your html, css, and js file from the left-hand size of the page to the right-hand size. On FileZilla you can just double-click each file. (They should then get copied to the right-hand side, the server – make sure you see each file listed.)
7. You will need to move over any image files as well (Note: if they are in their own folder you will need to create the folder on the server by right-clicking on the server/right-side and select create directory and upload into that directory).

8. To test go to http://cs.neiu.edu/fl21_neiuusername (Where NEIUUserName is your username).
9. If it worked – you should see your webpage.   Are all of your images showing up?

CONGRATULATIONS! Now, let's validate!

Step 2: HTML Validation (Note you could do this through the replit URL too!)

1. Validate your code to make sure it meets the HTML5 standards. Go to http://validator.w3.org/ Enter your URL: http://cs.neiu.edu/fl21_neiuusername Remember to replace neiuusername with your neiu username.
2. There should be at least one warning that comes up. You can ignore the warning.
3. Note the errors that come up. I would like you to fix each one by following Step 3 instructions below.

Step 3: Using Visual Studio Code to modify our code

1. Go to the location on your computer where you stored your html homepage code. Right-click on the HTML file and select open with visual studio code. (Or bring up Visual Studio Code and go to File Open).
2. We will edit our code using this environment.
3. Go to each error shown in the validator and fix it. It should tell you the line numbers.
4. Save your file. Upload your code again by bringing up FileZilla right-click and refresh the left-hand side, and upload your code again.
5. Go back to the validator and check if you are error-free now. If not repeat this process until you have no errors only warnings.
6. Look how nice your code is getting!

Step 4. Submission

1. When you have no errors on your homepage. Go to the D2L Assignment Folder titled Validation. Put a link to your new homepage http://cs.neiu.edu/fl21_neiuusername
2. I will check that it all works by viewing your homepage and entering the URL into the HTML validator.