

Assignment: Deploying and Testing a Site

(SCROLL THROUGH THIS ENTIRE DOCUMENT - THERE ARE TIPS AND EXAMPLES AT THE END)

Goals:

Using starter code, you will edit, test, and host (and test again!) a two-page website to GitHub Pages.

Objectives:

1. Demonstrate ability to use proper file names (no spaces, no capital letters in the names - but okay in the extension, images have meaningful names, etc.)
2. Demonstrate ability to set up proper folder structure.
3. Demonstrate ability to add appropriate html tags and attributes in a consistent syntactic and semantic manner.
4. Demonstrate ability to host files properly on GitHub using GitHub Pages.
5. Demonstrate ability to test and correct on three different validators:
 - a. validator.w3.org
 - b. wave.webaim.org
 - c. aXe plugin

Resources:

https://github.com/UMSIComplexWebDesign/homework_1

You are provided with code that contains files for a website in the course Github site. You will need to organize the files and make changes to the file names in order to craft a proper folder/file structure. Remember, resource files often have a few bugs in them to provide an opportunity to debug and problem-solve, but **DO NOT** edit the contents of the css files in this assignment.

Assignment Requirements:

1. Ensure filenames are in proper format (no spaces, no capital letters except in extensions, etc.)
2. Create folders for stylesheets and images names name **css** and **imgs** and move the appropriate files into place.
3. Before you change any code, take a screenshot of Family.html being checked using w3validator, Wave, and aXe. You should have errors from all three validators.
4. Rename “landing page” (primary page) to index.html
5. Edit the HTML files to
 - a. Link to **both** of the existing style sheets.
 - b. Use appropriate HTML5 tags to organize and display the content.
 - c. Use appropriate HTML5 tag attributes.
 - d. Use appropriate HTML5 entities.
6. Test all files with all three validators and fix errors.
7. Upload the new folder to your GitHub account under the folder: homework1 (note that there is not an underscore in the repo name).
8. Link to the repo to Github Pages.
 - a. If you need a refresher on hosting to Github Pages you can find it [here](#).
9. Test all files again!!!.
10. Submit.

See the assignment rubric for additional details. Note, we always reserve the right to deduct points for things that were implicit rather than explicit in the assignment.

Submission Requirements:

1. Submit link to git repo in canvas. We want to see the deployed page, not the code so the URL should be: `https://<your-user-name>.github.io/homework1`

Include the protocol - Do NOT include the ending slash.

- ~~2. In the comments section submit a link to your Github repo - the code. The URL should be: `github.com/<your-user-name>/homework1`~~ This requirement has been removed. Please disregard in any future assignments that require the autograder as well.

Any changes to code after the due date can result in a late penalty at any time during the semester. If you want to modify your code for personal use - make a new copy.

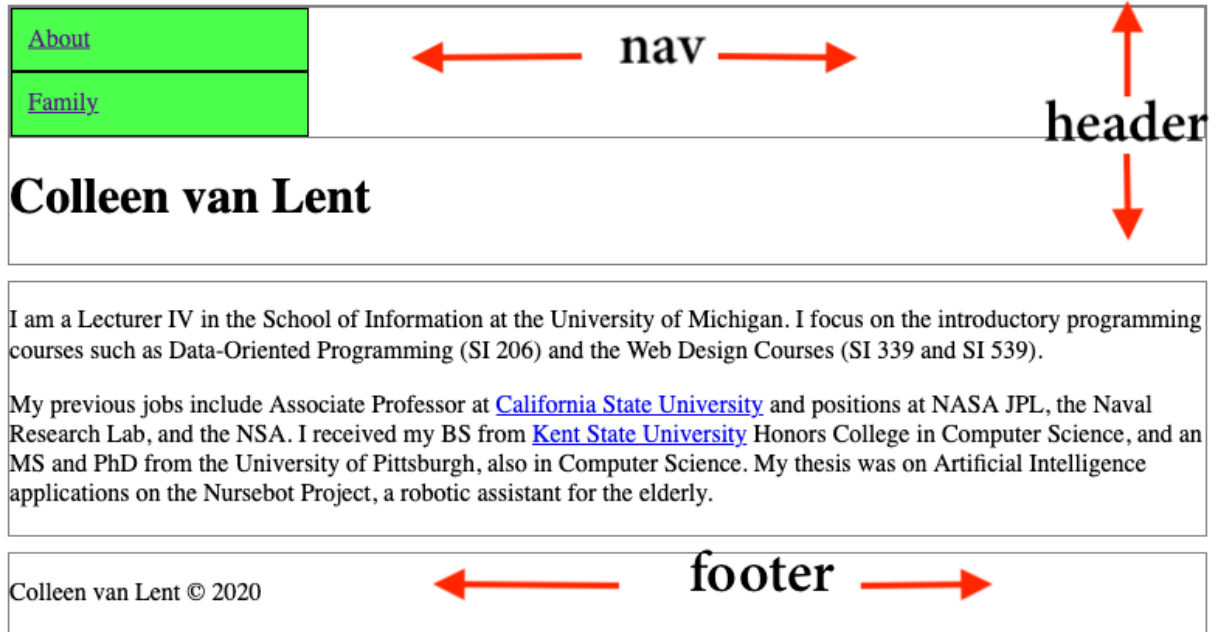
3. In the accompanying assignment, upload screenshots of Family.html failing all three validators and then family.html passing all three validators (w3, wave, and aXe) using Firefox. Make sure that I can see the URLs in the screenshot.

Tips:

1. The link to the html5reset stylesheet should be first. (Please do not add an underscore or otherwise change the name.)
2. Each page should have a unique title.
3. Make sure that you use semantic tags. I expect to see a header, nav, main, and footer.
 - a. I have put a border around each of these elements in the CSS.
 - b. I would get one page correct first, and then copy code. The nav is identical in both pages. So is the footer.
- 4. In a nav element any list items should be unordered lists, not ordered lists.**
5. Test all of your links -- make sure to link to the pages, the images, and also to Kent State (kent) and California State University Long Beach (csulb).
6. Test the link to your submission. Have a peer test your link AND test your site using the validators. You should have found at least one error from each validator.

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Sample Output (Ignore worlds nav, header, footer, etc. - I just put them in so you can see the different sections. The family page should also use nav, header, footer, etc.)



[About](#)

[Family](#)

Family

In 2016 I loaded my kids into the minivan and took them on a drive across the Northern midwest states. We went to Wisconsin Dells, the Badlands, Mount Rushmore, Jewel Cave, and Custer State Park.



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