Project 1: Résumé or Portfolio

By Tomoko Okochi based on assignment by Jordan Miller and Kevin McMillan

Your task is to create a one-page resume or portfolio website for yourself using HTML and CSS.
(If you have concerns about privacy, feel free to use made-up information.)

Typically, a resume/portfolio site will have the following elements:
- Your education;
- your employment history;
- your skills;
- Your interests;
- Your contact info;
- Anything else you can think of that's worth including.

Your site must meet the following technical and content requirements:
- Consist of only one page;
- Have at least one image;
- Use CSS Grid for the layout;
- Use a linked external stylesheet;
- Use valid, semantic HTML markup;
- Have some working anchor tags;
- Use Google Fonts;
- Be accessible, using adequate contrast for text, alt text for images, icons with accessible labels, and semantic HTML code;
- Be easy to use;
- Be visually well-designed;
- Be well-tested and free of bugs;
- Be responsive to screen width whether it's a smartphone, tablet, or a desktop computer. (Choose at least two appropriate breakpoints.)

Resources:
- Color palette generator: https://coolors.co/

Guidelines:

Be creative when designing the page, and have fun with it! Consider mocking up your design in photoshop or some similar program prior to doing the coding. Do research on other similar sites for inspiration. (Don't copy anyone's design though!) The following website is a good resource for well-designed, single-page resumes and portfolios:

https://onepagelove.com/gallery/resume

Another good place get inspiration is web design awards sites:

https://www.cssdesignawards.com/
https://www.webbyawards.com/
http://www.csswinner.com/
https://www.awwwards.com/

Images and media: you may only use images that you have created or that you have permission to use. The images should be released under a **creative commons** license or they should be public domain. Some good sites that don't require attribution are the following:

https://unsplash.com/

https://www.pexels.com/

(There are other good sources of free images out there; let me know if you find one you like.)

You may use images that you created yourself, but you must credit yourself; otherwise, I may not know that the image belongs to you.

Semantic markup: Make sure that the tags you're using make sense for the part of the page that they're being used for. Review the course materials on semantic containers. For example, avoid using h1—h6 tags for anything other than headings. Remember that tags such as <article> and <section> have very specific uses, and should be used properly.

Testing: Make sure your page does not have any errors or bugs. Test the page in Chrome and Firefox with a variety of viewport sizes. Test it with your smartphone by uploading it to the web server and opening the site using a browser on your phone. Validate the code and fix any errors that come up. Take screenshots of your results.

HTML validator: https://validator.w3.org

CSS validator: https://jigsaw.w3.org/css-validator/

Coding style: your code must be well-formatted, indented, and easy to read. Your CSS file should be organized with related styles grouped together. Consider putting a table of contents in a comment at the top of your stylesheet.

Design: make sure your site is visually appealing and easy to use. Think about the lessons you're learning in your design classes, and apply them here. In particular, keep the following in mind:
- color harmony: use colors that go well together;
- typography: use typefaces that are easy to read and on-theme. (do not use the default browser fonts!) Make sure lines of text are not too long. Implement a clear typography hierarchy; the headings should be easily distinguishable from the other text and make it easy to see the organization of information on the page at a glance; use left-alignment for larger sections of text;
- consistency: choose a few fonts, colors, and other styles and stick with them;
- organization and alignment: make sure elements are well-aligned and related elements are grouped together;
- originality: try to create something unlike anything else, and avoid overused elements that you may frequently see in resume designs. (My advice is to avoid progress bars or headings with icons in them, unless you think you can present a fresh take; these design concepts are somewhat common and may not help your resumé stand out from the crowd.)

Hand In & Grading

Bonus: For +1 additional bonus mark on this project, contact me to schedule a 15-minute face-to-face meeting during office hours or short Zoom meeting to discuss your progress, answer your questions, and get feedback. This meeting should take place after you've completed 75% of the work on this project. Before our meeting, please upload the work you've completed so far to the hand in folder. (You can hand it in again when you've finished.) A good time to meet is during our scheduled lab time or office hours, but if you're not available then, we can choose a time that's convenient for you. Note that this meeting must occur at least 48 hours before the due date. (See Brightspace for the due date.)

Rename your working folder to **resume-firstname-lastname**. Make sure all unnecessary or unused files have been removed. Take screenshots of your validation results for HTML and CSS (even if there are errors) and place them in a folder called **validation.** Create a zip archive from the project folder (not some other kind of archive such as rar or 7z) and hand it in to the appropriate folder on D2L. Please follow these steps in the prescribed order, as it makes a difference to me when I'm grading.

You also need to upload your work to the WMDD web server. Please write the URL for your website in the comment section.

- [3 marks] technical and content requirements met;
- [5 marks] well designed and original (This is somewhat subjective, so please ask me if in doubt. Following the design checklist provided earlier will help.)
- [2 marks] accessible and easy to use;
- [2 marks] valid and semantic HTML markup;
- [1 mark] Layout works well on medium and large screens;
- [2 marks] code is well-formatted and organized;
- [+1 bonus] Meeting with 75% complete.

Total: 15

Note that up to -2 may be deducted for improper hand in, missing files, excess files, etc. Please ask me if in doubt.