

# Lab 1 – HTML & CSS Home Page

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The goal of this assignment is to give you some experience working with HTML, CSS, and publishing to your new website. In this assignment you will start to create your website that will be used during the semester. You will design a small 4 page website using HTML and CSS.

## Requirements:

1. Create the Home Page (index.html)
  - a. This will be the start page for your entire website and it will link to all the lab assignments done this semester.
  - b. You need to design a layout and implement it with CSS using either floating or the positioning techniques we learned in class. This will be modified later to use a responsive web design.
  - c. The page must contain a header, footer, and navigation system. The remaining content is your choice, but it must contain some additional content other than these elements (pictures, text, etc...).
2. Create a Labs Page (labs.html)
  - a. This page will contain information about your lab assignment that will be similar to a blog entry and link to the assignment.
  - b. You need to provide a description of Lab 1 in this page. This description should include the following items:
    - i. Your level of experience with HTML, CSS, Javascript, and any other client-side frameworks
    - ii. A description of the advanced CSS techniques you employed in the assignment.
    - iii. A description similar to a blog entry that talks about what you liked or didn't like about the assignment.
3. Create an About Me Page (about.html or biography.html).
  - a. This page will contain information about you.
4. Create a Resume/Portfolio Page (portfolio.html).
  - a. This page will contain information that would appear in a normal resume like your skills and work experience.
5. Create an images folder to store the images for your website.
6. Create an external style sheet with a .css file extension that will contain your styling for the website. You may use more than one external stylesheet for your site.
  - a. You must write all the CSS and not use Bootstrap or any other similar utility.
  - b. Try using a fluid design that uses percentages instead of fixed values like pixels when defining widths and heights.
  - c. Style all readable text and elements of the page.
  - d. Provide margins and padding to space content on the page as well as spacing content within your elements.

- e. Apply floating to at least one element.
7. All pages in this website should contain a significant amount of content. I am looking for some effort and not just a single picture and a single sentence of text.