

CSS Navigation

In this lab, you'll demonstrate your understanding of concepts presented in chapter 7, and enhance your previous CSS with the layout techniques discussed in the chapter. You may continue to use the page started last week in lab #5 or you may begin with a fresh start. The choice is yours!

Getting Started

1. Read chapter 7 in the *Murach* textbook.
 2. Download the **CS125hLab06.zip** file from Moodle and extract its contents onto your drive.
 3. Rename the folder **YourLastName-CS125hLab06**.
 4. Open the folder to explore its contents. The *murach_ch07* folder contains files you'll need to complete practice activities from the end of each chapter. The *hands-on* folder will be where you store your self-generated web page (and any related files).
 5. Add subfolders that you think are appropriate to the *hands-on* folder. You will need one folder to organize your CSS files and potentially another folder to organize your image files.
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Adding CSS Navigation to an Existing Web Page (50 points)

6. Follow the directions to improve the format of the San Joaquin Valley Town Hall page that begin on page 248 of the textbook, with the following modifications:
 - a. Add an HTML comment to the **head** section of the page and a CSS comment to the top of the stylesheet file that includes your name, the date, and CS 125H - Lab 6
 - b. Complete sections 7-1 **only**. You do not need to complete 7-2.
 - c. The *c7_index.html* and *c7_main.css* files are located within the *murach_ch07* folder inside the *CS125hLab06* folder that you downloaded. The HTML file is in the root of the folder and the CSS file is in the *murach_ch07/styles* folder.
 - d. Note that on step 8, the book directs you to "change the width of the element to 1/5th of the body". In this step, *the element* is referring to the list item element (and not to the anchor tags nested inside of the list).
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Adding Styled Lists & Links to Your Own Page (50 points)

7. Create a structured web page in your text editor (or open the page you worked on last week) and save it inside the **YourLastName-CS125hLab06/hands-on** folder as **index.html** or begin creating a new page with the name of your choice.
8. Create a CSS file in your text editor and save it in an appropriate subfolder of the *hands-on* folder or move an existing CSS file into the folder. The filename should follow good web naming conventions, but is of your own choosing.

9. Add (or modify) a comment to the external stylesheet containing your name, the date, and “CS 125H - Lab 6”
10. Link your index.html file to the external stylesheet.
11. Add HTML to the page and styles to the stylesheet to create a beautifully marked up list of links. Demonstrate each of the following in some way:
 - a. A list of links marked up with an appropriate list type and supporting tags
 - b. Appropriate use of the title attribute
 - c. Appropriate use of the target attribute
 - d. The use of styles to create an attractive vertical or horizontal navigation bar that meets at least these requirements:
 - Changed appearance for the active page link
 - Changed appearance for the currently hovered and/or focused link
 - Modification of the default list bullet or numbering
 - Additional styling to create the navigation bar of your dreams!
12. Validate your HTML page & CSS file and correct any errors.
13. Compress the YourLastName-CS125hLab06 folder and upload through the appropriate link in Moodle.

To zip a folder, right-click on the folder and select Send To > Compressed (zipped) folder. This will create a new file with the same name as the folder, but with the .zip file extension added and a zippered folder icon.

No Weekly Discussion - Make sure to submit the midterm on time!