

Lab 4 (CSS and making web pages Responsive)

1. Let's first create a new folder inside CIST1300 locally in your workstation. New folder name should be Lab 4 (Please make sure "L" caps and there is space between Lab and 4)
2. Copy all the files from Lab 3 to Lab 4.
3. Now inside you Lab 4 folder you should have two files index.html and the second HTML page.
4. Add a new HTML file, name it whatever you like, but make sure it has an extension .html, next have a href link connecting all 3 pages, page1 should have links to 2 and 3, similarly page 2 should have links to 1,3 and finally page 3 should have links to 1 and 2.
5. Choose a background color, and make sure all 3 pages have consistent background color.
6. Add some relevant content to the new web page you created.
7. Let's make all the pages responsive in Webstorm by adding the HTML meta tag, we discussed in this lecture.

Slides - Example

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

8. For all HTML elements add HTML attribute id and class, if you want the same CSS for multiple HTML elements, do add class.
9. Now let's add the CSS style sheet, and define your CSS for HTML elements.
10. Step 6 can be done in multiple ways, I am ok whichever style you choose, however for Lab4 all elements for both HTML pages should have a style, it can be unique or different.
11. Test your website after adding CSS locally
12. Add CSS properties which we haven't covered, refer to the links provided when we discussed the CSS in the class. In order to earn full credit, please have around 25 unique CSS properties and should be relevant to the page. 25 unique CSS can be divided across the 3 pages.
10. Now if everything is good locally, sync your code and publish in loki.
12. If everything is good, please see if it is responsive, by checking it on your smartphone. If you don't have smartphone check responsiveness using Google chrome inspect element.

13. Please check with the instructor to review your code and the HTML pages.
14. Validate your HTML page, if there are issues fix them.
15. The final step, please update the Slack channel with your Lab 4 reflection. Don't post your reflection in the general channel. I have a separate channel for Lab 4, please post your reflection over there. Reflections are counted towards Lab 4 grading.

Lab 4 reflection guidelines- Lab 4 reflection, please share your feedback about Lab 4, what you think is good, and bad about Lab 4. Please share your thoughts about CSS and responsive websites.

