

## 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 resume.html
4. Let's check our Sublime that we can see Lab 4 folder and both the files.
5. Let's make both the pages responsive in sublime by adding the HTML meta tag, we discussed in this lecture.

Slides - Example

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

6. For all HTML elements add HTML attribute id or class, if you want the same CSS for multiple HTML elements to choose a class, else choose id.
7. Now let's add the CSS style sheet, and define your CSS for HTML elements.
8. 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.
9. Test your website after adding CSS locally
10. Now if everything is good locally, sync your code in git, please check git commands in my GitHub page, if you are still not familiar, you should get familiar soon.
11. Now login to Loki, and sync your CIST1300-001 in public\_html folder, run the publish-public-html script.
12. Check with your loki URL on your browser for Lab 4 (For example, my Lab 4 URL will be :-(loki.ist.unomaha.edu/~sriramsrinivas\CIST1300-001\Lab 4)
13. 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.
14. Please check with the instructor to review your code and the HTML pages.
15. Let's validate your HTML page, navigate to(<https://validator.w3.org/>) you can choose via URI or upload both your files. I would choose URI and give your Loki URL. If you see any error, you can fix it. This step aims to show how to validate your pages.

16. 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.

17. If you missed Lab 3 reflection, please do update in the Slack channel.

Reflections help me to understand how the class is doing and how can I further improve the future labs, please feel free to share your thoughts.