

## **Lab 6 (Bootstrap)**

In this lab, you will design a quiz using Bootstrap, CSS, and HTML. I expect you to be creative, make the website responsive and make sure you validate your HTML before you push your code. Now that we have learned how to use HTML validators, please check your HTML and make sure you have valid HTML.

The quiz should have a minimum of 5 questions, and maximum 10 questions. The questions for the quiz can be any topic of your interest. Each question should have 4 multiple choice options, and users should be able to select only one option. I will outline all the steps, however, you are expected to write the code by yourself.

This lab is pretty important to complete future labs. This is just an HTML page where you have your questions. Future labs will be expecting you to validate the answers. Validation will be discussed when we cover JavaScript.

Step 1:- Make sure you are in CIST1300 folder in local and your repository is in sync. Now you create a folder Lab6.

Step 2:- You create a quiz.html page and start designing your quiz page.

Step 3:- When I say design a page, don't start writing code straight away. Good developers are those who design the system and then they jump into coding. Create a layout of your quiz page in a rough paper and see what all do you think a quiz page should have.

Be creative here, think about the points which our guest lecture Zac mentioned in class. The website should provide all the necessary information and should be accessible. As a user, I would like to see the following information on the quiz page – Page Header, Homepage link (if you have one), Footer, and Quiz progress bar.

Step 4:- If you are stuck in step3, don't worry check google for bootstrap quiz template. Now that we have used bootstrap, you can use the template (if you find any) which you believe will make your website responsive.

Step 5:- I expect you to use Bootstrap forms, grids, and the progress bar. For this lab, you just want a static page, where the user can see the questions and its options for the quiz. You will still have a submit button, however, a button if pressed will not do anything.

Step 6:- Once done, remember to push your code and publish it in Loki.