CSCI-230 Web Scripting

HOMEWORK 3 - BOOTSTRAP CLASSES

1. Create a subdirectory named **css** (all lowercase) in you **coursework** directory.
2. Add a file in the **css** directory named **sticky-footer.css**.
3. Add a file in your already existing **coursework/javascript** directory named **set_anchor_target_blank.js**.
4. Create a file named **a4.html** in your **coursework** directory.

5. Add a link to your Web Scripting Coursework page that redirects the user to your **a4.html** page.

6. Use your browser's Inspector (Source tab) to view and then copy the source code from my **lecture5.html**, **sticky-footer.css**, and **set_anchor_target_blank.js** files into your **a4.html**, **sticky-footer.css**, and **set_anchor_target_blank.js** files, respectively.

7. In my lecture5.html file you will find that all of the class attributes have empty strings. Your task is to insert the class names listed below into the class attribute strings in your a4.html file so that your a4.html webpage is styled identical to the image below. You should be able to design your page so that it looks like the image below by using each class name listed below exactly once.

List of Class Names

border	col-md	my-5
border	col-md-8	offset-md-2
border-3	container	opacity-25
border-5	footer	opacity-50
border-primary	form-control	row
border-primary	form-control	row
col	m-3	text-center
col-md	m-3	text-muted
col-md	m-5	

In my HTML file, I link in a Bootstrap CSS file that is downloaded by the browser from a Bootstrap server. The Bootstrap CSS file contains CSS style rules for all of the classes in the list above, except for the footer class. The footer class style rule is defined in sticky-footer.css.

There are three approaches you can take to stylize your web page so that it looks similar to the image below.

1. Experiment: Just plug in the class names, from the list of class names that I provided, into the class attributes (where you think they should go) in your HTML file, save the html file, and see how it looks in a browser.

2. Research: Use the bootstrap documentation to see what the Bootstrap CSS classes do, then insert them into the class attributes in your HTML file, save, and view your HTML page in a browser.

3. Do a combination of the 1 and 2.

You do not need to add any <style> rules or add any additional HTML elements to the html page that I wrote. You just need to plug the class names (from the list) into the class attributes in the HTML file and see what happens.

Lecture 5

- HTML
  - <link> - external resource link
  - <h1>-<h6> - heading elements
  - - unordered lists
  - <hr> - horizontal rule
- CSS Tutorial
- JavaScript
  - document.getElementsByTagName()
- Bootstrap documentation
  - Grid system
  - Columns
  - Form controls
  - Horizontal rules
  - Borders
  - Spacing

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Use the Souces tab in your browser's Inspector to view the html, css, and javascript used in this page'.