APPLIED COMPUTER SCIENCE

ACS-1809-003
Web Design and Development Fall 2020

Assignment 3
Due Date: Dec 1st, 2020

The assignment carries a total of 100 marks. Please complete the assignment on or before the due date and time noted above. You are to submit your assignment in **PDF format** (written portion of the assignment of any) and all HTML, CSS and supporting files (coding portion of the assignment); they are to be put into a **Zip file**.

The name of your file should be named - <First name Last Name> - <Student ID> – Assignment <number>, e.g. John Doe – 12345 – Assignment 3 for the Zip file.

Note: No assignment will be accepted after the due date. Please submit your assignment well in advance of the due date/time in case there are any issues with your internet or when accessing Nexus. You are allowed to resubmit your assignment but the last submission will be the only one we will be marking on.

1. In your last assignment you built a simple web page/site about yourself. Now in this assignment our goal is to add the page layout (container) elements to put the home page you created in your last assignment into sections and decorate these sections into different styles. Also you need to apply some box-related properties to each section (division).

    A. Divide your starting page into at least 4 areas – header, footer, navigation and an area for your main content. You can use whatever page layout element that is deemed appropriate.
    B. In the header section, you can put the title, as well as other contents that fit in this section. In the footer section, you can put your contact information, and/or other information that fits this area (like copyright information, etc.). If you did not create such content in your previous assignment then create them for this assignment. In navigation, create a menu that links to your other personal page, the list and table page in item 2 and 3. For the rest of the page content you can place into the main section.

C. For each of these 4 areas, set up different styles. The different styles should include at least font size, font family, and background color. You may include font color as well. You should control these styles in an <u>external style sheet</u> that was created in last assignment, and all styling (inline or internal) must be converted to use an external style sheet. You should also use the box-related properties to style these areas, to help to improve the readability of your page. You should use at least those methods adopted in the mcf.html (see attached) example regarding giving better readability. Preview your site in a web browser and make sure it looks as you designed it.

2. Create another page to set up an ordered list to show all the topics of this course (up to the chapter of using forms), which can be the same as the chapters listed in the course website. Then within each listed item use an unordered list to briefly describe at least 3 concepts, key points of knowledge and etc., that you think are the most important in that topic.

3. In another page you will need to create a table that looks exactly like the one below

The table must use 90% of the width of the web browse window and stay in the middle horizontally. The color background on the cell must be reasonably close enough to the one used above. The background pattern file (1809bg.gif) is included with the assignment in Nexus. Don't forget the proper alignment of the data either.

4. Your home page/index page should be able to link to any other page using the menu, and from any pages back to the home page/index page, and vice versa.

5. Preview your page in a browser and make sure you are satisfied with the looks exactly as your design.

Submit your assignment to Nexus on or before Dec 1st, 2020 11:59:59. Make sure you name your file correctly, i.e. <your name><your student #>< course # with section #>Assignment 3. Marks will be deducted if it does not conform to the format layout.