4COSCO11C.2 Web Design and Development

Tutorial 1

Task 1 - Create your Web Page content

Create a file and save it as tutorial1.html.

1. Your Web Page should follow the following specifications.
   - Ensure you include all the HTM tags every web page must have:

     ```
     <!doctype html>
     <html lang="en"></html>
     <head></head
     <meta charset="UTF-8">
     <title></title>
     <body></body>
     ```

   - 'Tutorial 1' for the title.
   - 'Tutorial 1 (your name)' using a <h1> heading element.
   - A quick presentation of yourself (5 lines - e.g., your course, hobbies etc) using 2 different formatting tags. Use paragraph elements to separate these lines.
   - A ruler acting as a separator.
   - Under the ruler:
     - Your email address inside an address element
     - The last modified date (just add today's date).
2. View your web page in a browser. Find your file - double-clicking this file or dragging it into a web browser should open it for viewing.
3. Keep both your text editor and browser open. You can then make changes in the text editor and refresh the browser window to see those changes.
4. When you are happy with your results check if your markup is syntactically valid using the Validator at:

   https://validator.w3.org/

   - Use the 'Validate by File Upload' or 'Validate by Direct Input'.

Task 2 - CSS

1. Add an embedded stylesheet to the HTML document.

2. Add the following style to the body selector:
   `font-family: Helvetica, Verdana, sans-serif;`
3. Apply the following rule to the <h1> element. Replace the colour blue with a hex colour value of your choice.
   `background-color: blue;`
4. Set the font size for the page to "20px", and the font size for <h1> to "2.5em".
5. Center align the text in the <h1> element.
6. Change the text colour of all the <p> and <address> elements to blue or a hex colour value of your choice. Use one definition to apply this style to both elements.
7. Define an **id** that applies text-transform (capitalize, uppercase or lowercase) and then apply to one of the paragraph elements.
8. Define a **class** that applies a font colour of your choice to two parts of your web page. You can use a span element if you want to target inline text within a paragraph element.

Task 3 - Complete the Tutorial 1 Test on Blackboard

- Go to Assessment -> Tutorial Tests -> Tutorial 1 Test and complete the test. You can have up to five attempts to get the maximum score of 2 marks