**Assignment -1**

**Create a Responsive Web Layout with Dynamic Content**

**Objective:** Design a responsive web layout with specific proportions for header, main content, and footer sections. Apply the specified width percentages to each section, including navigation and side note. Additionally, implement dynamic content in the main content section that changes images when resizing the browser window.

**Requirements:**

Header: 10% of the vertical height, 100% width.

Navigation: 80% of the vertical height, 20% width.

Main Content: 80% of the vertical height, 60% width.

Side Note: 20% width.

Footer: 10% of the vertical height, 100% width.

Dynamic Content: The main content section should display different images when resizing the browser window to demonstrate responsiveness.

**Instructions:**

Create an HTML file with appropriate elements for the header, navigation, main content, side note, and footer.

Use CSS to style the layout, ensuring that it meets the specified height and width percentages for each section.

Apply background colors, text colors, and alignments as needed to make the layout visually appealing.

Implement your learnings in the course to dynamically change the images in the main content section based on the browser window's size.

Test the layout by opening the HTML file in a web browser to ensure it meets the specified design and responsiveness requirements.

Provide different images or image sources to demonstrate the dynamic content aspect of the assignment.

**How to submit**: Submit a PDF file containing handwritten solutions for this assignment, including your name, enrollment number, signature, and the date. Merge screenshots of your web layout with your handwritten solutions into one PDF document. The submission will be done using the google form available on the link:

https://docs.google.com/forms/d/e/1FAIpQLSdp8v\_EbSvZ8nivKYfGQPut6oo0-NTS8jmKsKuFvU9spprf0g/viewform