**Week 11: Responsive Web design and media queries**

**Objectives:**

*At the end of the activity, the students should be able to:*

* Create responsive web designs that adapt to different screen sizes.
* Apply breakpoints, media queries in css

**Materials:**

* 1 PC with pre-installed operating system, text editor and browser.

**Instructions:**

1. Open a text editor.
2. Create a new HTML file and save it as ("midterm LabAct2.html")
3. Start with the basic HTML structure as follows:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title> **Recipe Website** </title>

rel="stylesheet">

<!-- Custom CSS -->

<link rel="stylesheet" href="styles.css">

</head>

<body>

<!-- Your content goes here -->

</body>

</html>

1. Creating Content**:**
2. Design a webpage that includes a header, navigation bar, main content area, and footer.
3. Create individual pages for each recipe, including ingredients, instructions, cooking time, and serving size. (at least 5 recipes)
4. Incorporate images to make the recipes visually appealing.
5. Adding Styles:
6. Create an external CSS file (e.g., "styles.css") and link it in the **<head>** section.
7. Write CSS rules to style your webpage, focusing on **making it responsive**.
8. Utilize CSS techniques such as **media queries** to adjust the layout and styling for different screen sizes.
9. Consider using techniques like flexbox or CSS grid for layout flexibility..
10. Testing:
11. Save your HTML and CSS files.
12. Open the HTML file in a web browser and resize the window to test the responsiveness of your design.