**Assignment: Introduction to Bootstrap - Grid System, Container, and Jumbotron**

**Objective:**

This assignment aims to introduce students to the fundamentals of Bootstrap, specifically focusing on the grid system, tables, containers, and jumbotrons. By the end of this assignment, students will understand how to create responsive web layouts using Bootstrap.

**Instructions:**

1. **Set Up Bootstrap**
   * Create an HTML file and include Bootstrap's CSS either by downloading it locally or using the CDN link from [Bootstrap's official site](https://getbootstrap.com/).(find the link in the chat room)
2. **Task 1: Create a Responsive Grid Layout**
   * Create a webpage with a grid layout consisting of 3 rows:
     + Row 1: Contains three equally spaced columns.
     + Row 2: Contains two columns where the first column takes up 8/12 of the space, and the second takes up 4/12.
     + Row 3: Contains four columns where the first and last columns each take up 3/12 of the space, and the middle two take up 6/12 together.
   * Ensure the layout is responsive across mobile, tablet, and desktop devices by using appropriate Bootstrap breakpoints (col-sm, col-md, col-lg).
   * Margin and spaces
     + **Create Four Equal Columns with Different Spacing**
     + Create **four equal columns (col-md-3)** inside a row.
     + Apply different padding classes (p-2, p-3, p-4, p-5).
     + Add m-3 to each column to add margin around them.
     + Place a **button (btn btn-primary)** inside each column.
3. **Task 3: Use a Bootstrap Container**
   * Wrap all the content (grid and table) inside a .container class. Use a .container-fluid for one of the rows or the table section to see the difference between a fixed-width container and a full-width container.
4. **Task 4: Add a Jumbotron**
   * At the top of the webpage, add a jumbotron with the following text:
     + Title: "Welcome to My Bootstrap Page"
     + Subtitle: "This page demonstrates the use of Bootstrap’s grid system, tables, and containers."
5. **Bonus Point**
   * Use the Bootstrap 5 equivalent (as jumbotrons have been deprecated, use a .bg-light or .bg-secondary with. p-5 for a similar look).