

## Task5: Bootstrap Framework

**“What is the Bootstrap framework, and how does it help in developing responsive web designs? Create a simple web layout using Bootstrap components, including a navbar, a grid system, and some buttons. Explain the classes used in Bootstrap and how they contribute to the design.”**

➔ Bootstrap is a front-end framework that simplifies the creation of responsive web designs. It provides pre-styled components and a grid system to help structure layouts.

➔ Example:

- **HTML**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
  <title>Bootstrap Example</title>
</head>
<body>
  <nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="#">Navbar</a>
  </nav>
  <div class="container">
    <div class="row">
      <div class="col-md-6">
        <button class="btn btn-primary">Button 1</button>
      </div>
      <div class="col-md-6">
        <button class="btn btn-secondary">Button 2</button>
      </div>
    </div>
  </div>
```

</div>

</div>

</div>

</body>

</html>