Full Stack Application Development with Cloud Computing

Module 2 – Front-End Development Tools, Technologies and Frameworks

Lab - 1

Unit 4 – Front-End Frameworks - Bootstrap

Topic: Add bootstrap

Ex. 1: Created a simple web page with a form using Bootstrap classes for styling. The form includes fields for first name, last name, and email, along with a submit button.

```
<!DOCTYPE html>
<html>
<head>
    <title>Bootstrap Example</title>
    <!-- Include Bootstrap CSS -->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css
">
</head>
<body>
    <div class="container mt-5">
        <h2>Bootstrap Form Example</h2>
        <form>
            <div class="form-group">
                <label for="firstName">First Name:</label>
                <input type="text" class="form-control" id="firstName"
placeholder="Enter first name">
            </div>
            <div class="form-group">
                <label for="lastName">Last Name:</label>
```

```
            <input type="text" class="form-control" id="lastName"
placeholder="Enter last name">
        </div>
        <div class="form-group">
            <label for="email">Email:</label>
            <input type="email" class="form-control" id="email"
placeholder="Enter email">
        </div>
        <button type="submit" class="btn btn-primary">Submit</button>
    </form>
</div>


    <!-- Include Bootstrap JS and Popper.js -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js
"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
</html>
```

Output:

Bootstrap Form Example

First Name:

Enter first name

Last Name:

Enter last name

Email:

Enter email

Submit

Bootstrap Form Example

First Name:

Enter first name

Last Name:

Enter last name

Email:

Enter email

Submit

Practice Question

Ex. 2: Design a web page that uses Bootstrap to create a basic web page with a form and styling. Integrate Bootstrap into your HTML page by including the necessary CSS and JavaScript files.