👩‍💻 Day 7 Lab Sheet – Bootstrap Basics

Objective

By the end of this lab, you will:

- Use the **Bootstrap grid system** to create responsive layouts
- Apply **Bootstrap components** like buttons, forms, and cards
- Implement a **modal popup**
- Build a simple **portfolio page** with Bootstrap

Setup

Include Bootstrap via CDN in every file you create today:

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
```

Task 1: Bootstrap Grid System

1. Create day7_grid.html.
2. Add:

```
<div class="container">
 <div class="row">
  <div class="col-md-6 bg-light p-3">Column 1</div>
  <div class="col-md-6 bg-info p-3">Column 2</div>
 </div>
</div>
```

✅ On desktop → 2 equal columns.
✅ On mobile → stacked vertically.

Task 2: Bootstrap Buttons

1. Add inside body:

```
<button class="btn btn-primary">Primary</button>
```

```
<button class="btn btn-success">Success</button>
```

```
<button class="btn btn-danger">Danger</button>
```

✅ Observe how Bootstrap styles buttons automatically.

Task 3: Bootstrap Form

1. Create day7_form.html.
2. Add:

```
<div class="container mt-5">
 <form>
  <div class="mb-3">
   <label class="form-label">Email</label>
   <input type="email" class="form-control" placeholder="Enter email">
  </div>
  <div class="mb-3">
   <label class="form-label">Password</label>
   <input type="password" class="form-control" placeholder="Enter password">
  </div>
  <button class="btn btn-primary">Login</button>
 </form>
</div>
```

✅ Inputs styled with form-control.

Task 4: Bootstrap Cards

1. Create day7_cards.html.
2. Add:

```
<div class="container mt-5">
 <div class="row">
  <div class="col-md-4">
   <div class="card">
    <img src="https://via.placeholder.com/300" class="card-img-top" alt="Project 1">
    <div class="card-body">
     <h5 class="card-title">Project 1</h5>
     <p class="card-text">Short description of project.</p>
```

```
    <a href="#" class="btn btn-primary">View</a>

   </div>

  </div>

 </div>

</div>
```

✅ Try duplicating the card inside more <div class="col-md-4"> to create a row of 3 cards.

Task 5: Bootstrap Modal

    1.   Add inside body:

```
<!-- Button -->

<button class="btn btn-info" data-bs-toggle="modal" data-bs-target="#exampleModal">

 Open Modal

</button>


<!-- Modal -->

<div class="modal fade" id="exampleModal" tabindex="-1">

 <div class="modal-dialog">

  <div class="modal-content">

   <div class="modal-header">

    <h5 class="modal-title">Project Details</h5>

    <button type="button" class="btn-close" data-bs-dismiss="modal"></button>

   </div>

   <div class="modal-body">

    This is a Bootstrap modal example.

   </div>

   <div class="modal-footer">

    <button class="btn btn-secondary" data-bs-dismiss="modal">Close</button>

   </div>

  </div>

 </div>
```

</div>

✅ Click the button → Modal pops up.

Task 6: Mini Project – Bootstrap Portfolio Page

👉 Create day7_portfolio.html with:

- A **Bootstrap navbar** at top.

- A **grid of 3 project cards** in a row.

- Each card has an image, title, description, and button.

- A **modal** that opens when "View" is clicked.

✅ **Deliverables**

- day7_grid.html

- day7_form.html

- day7_cards.html

- day7_portfolio.html

All files should use Bootstrap classes and be responsive.