# 1. Setting Up Bootstrap 5

## 1.1 Bootstrap 5 via CDN

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.4.3/dist/css/bootstrap.min.css" rel="stylesheet" />

## 1.2 Bootstrap 5 using downloaded files

<link href="bootstrap/css/bootstrap.min.css" rel="stylesheet" />  
<script src="bootstrap/js/bootstrap.bundle.min.js"></script>

# 2. Bootstrap Structure and Files

- css/: Bootstrap CSS files

- js/: Bootstrap JS plugins & dependencies

- icons/: Bootstrap Icons SVG fonts

## 2.1 Include Bootstrap JS bundle

<script src="bootstrap/js/bootstrap.bundle.min.js"></script>

# 3. Responsive Grid Layout

## 3.1 Container with 3 columns responsive

<div class="container">  
 <div class="row">  
 <div class="col-12 col-md-6 col-lg-4">Col 1</div>  
 <div class="col-12 col-md-6 col-lg-4">Col 2</div>  
 <div class="col-12 col-md-6 col-lg-4">Col 3</div>  
 </div>  
</div>

# 4. Column Layouts and Grid Classes

## 4.1 Two-column with sidebar

<div class="container">  
 <div class="row">  
 <aside class="col-md-3 bg-light p-2">Sidebar</aside>  
 <main class="col-md-9 p-2">Content</main>  
 </div>  
</div>

## 4.2 Four equal columns

<div class="container">  
 <div class="row">  
 <div class="col-sm-3">1</div>  
 <div class="col-sm-3">2</div>  
 <div class="col-sm-3">3</div>  
 <div class="col-sm-3">4</div>  
 </div>  
</div>

# 5. Alignment and Reordering

## 5.1 Center content

<div class="d-flex justify-content-center align-items-center" style="height:100px;">  
 <div>Centered content</div>  
</div>

## 5.2 Reorder columns

<div class="row">  
 <div class="col-md-6 order-md-2">Second on md+</div>  
 <div class="col-md-6 order-md-1">First on md+</div>  
</div>

# 6. Responsive Flexbox Utilities

## 6.1 Navbar with flex-column and flex-md-row

<nav class="d-flex flex-column flex-md-row bg-light p-2">  
 <a href="#" class="p-2">Home</a>  
 <a href="#" class="p-2">About</a>  
 <a href="#" class="p-2">Contact</a>  
</nav>

## 6.2 Card with justify-content-between and align-items-center

<div class="d-flex justify-content-between align-items-center border p-3">  
 <div>Left content</div>  
 <button class="btn btn-primary">Action</button>  
</div>

# 7. Typography

## 7.1 Typography utilities

<h1 class="display-1">Display 1</h1>  
<p class="lead">Lead paragraph</p>  
<p class="text-muted fw-bold">Muted & bold</p>

## 7.2 Text transformation

<p class="text-uppercase">uppercase</p>  
<p class="text-lowercase">LOWERCASE</p>  
<p class="text-capitalize">capitalized text</p>

# 8. Forms

## 8.1 Registration form

<form>  
 <input type="text" class="form-control mb-2" placeholder="Name" required autofocus>  
 <input type="email" class="form-control mb-2" placeholder="Email" required>  
 <input type="date" class="form-control mb-2" required>  
 <select class="form-select mb-2" required>  
 <option selected disabled>Event Type</option>  
 <option>Workshop</option>  
 <option>Meetup</option>  
 </select>  
 <textarea class="form-control mb-2" placeholder="Message"></textarea>  
 <button class="btn btn-primary" type="submit">Register</button>  
</form>

## 8.2 Login form with floating labels

<form>  
 <div class="form-floating mb-3">  
 <input type="email" class="form-control" id="email" placeholder="Email">  
 <label for="email">Email</label>  
 </div>  
 <div class="form-floating mb-3">  
 <input type="password" class="form-control" id="pass" placeholder="Password">  
 <label for="pass">Password</label>  
 </div>  
 <button class="btn btn-success" type="submit">Login</button>  
</form>

# 9. Buttons

## 9.1 Contextual buttons

<button class="btn btn-primary">Primary</button>  
<button class="btn btn-secondary">Secondary</button>  
<button class="btn btn-outline-success">Outline Success</button>

## 9.2 Button groups and toggle buttons

<div class="btn-group" role="group">  
 <button type="button" class="btn btn-info">Left</button>  
 <button type="button" class="btn btn-info">Middle</button>  
 <button type="button" class="btn btn-info">Right</button>  
</div>  
  
<div class="btn-group" role="group">  
 <input type="checkbox" class="btn-check" id="btncheck1" autocomplete="off">  
 <label class="btn btn-outline-primary" for="btncheck1">Toggle</label>  
</div>

# 10. Navbars and Navigation

## 10.1 Responsive navbar

<nav class="navbar navbar-expand-md navbar-light bg-light">  
 <a class="navbar-brand" href="#">Logo</a>  
 <button class="navbar-toggler" data-bs-toggle="collapse" data-bs-target="#navmenu">  
 <span class="navbar-toggler-icon"></span>  
 </button>  
 <div class="collapse navbar-collapse" id="navmenu">  
 <ul class="navbar-nav me-auto">  
 <li class="nav-item"><a href="#" class="nav-link">Home</a></li>  
 <li class="nav-item"><a href="#" class="nav-link">About</a></li>  
 </ul>  
 <form class="d-flex">  
 <input type="search" class="form-control" placeholder="Search">  
 <button class="btn btn-outline-success ms-2" type="submit">Go</button>  
 </form>  
 </div>  
</nav>

## 10.2 Tabs and pills navigation

<ul class="nav nav-tabs">  
 <li class="nav-item"><a class="nav-link active" href="#">Tab 1</a></li>  
 <li class="nav-item"><a class="nav-link" href="#">Tab 2</a></li>  
</ul>  
  
<ul class="nav nav-pills mt-2">  
 <li class="nav-item"><a class="nav-link active" href="#">Pill 1</a></li>  
 <li class="nav-item"><a class="nav-link" href="#">Pill 2</a></li>  
</ul>

# 11. Cards and Media Objects

## 11.1 Profile card

<div class="card" style="width: 18rem;">  
 <img src="https://via.placeholder.com/286x180" class="card-img-top" alt="Profile">  
 <div class="card-body">  
 <h5 class="card-title">Profile Name</h5>  
 <p class="card-text">Short bio here.</p>  
 </div>  
</div>

## 11.2 Media object

<div class="d-flex align-items-start">  
 <img src="https://via.placeholder.com/64" class="me-3" alt="Media Image">  
 <div>  
 <h5>Media Heading</h5>  
 <p>Some content next to image.</p>  
 </div>  
</div>

# 12. Spacing Utilities

## 12.1 Margin and padding

<div class="m-3 mt-4 p-2 py-5 bg-light">Margin & Padding applied</div>

## 12.2 Pricing section spacing

<div class="container">  
 <div class="row">  
 <div class="col p-4 m-3 border">Basic</div>  
 <div class="col p-4 m-3 border">Standard</div>  
 <div class="col p-4 m-3 border">Premium</div>  
 </div>  
</div>