**Day 12**

**What is Bootsrap?**

**“Bootstrap is a powerful,feature-packed front-end toolkit.build anything –from prototype to production-in minute”.**

**Benefits of bootstrap :**

**Make development faster & Easier.**

**Good choice for pre-built components**

**Good browser compatibility**

**Content delivery network(CDN)**

**Components :**

**Pre-built and reusable piece of user-interface**

**e.g button,form**

**Layout :**

**Overall structure and arrangement of the element**

**e.g container ,flexbox,grid**

**e.g for button**

**<button class=”btn btn-success”>Click me</button>**

**Container :**

Containers are a fundamental building block of Bootstrap that contain, pad, and align your content within a given device or viewport.

| **Extra small**  **<576px** | **Small**  **≥576px** | **Medium**  **≥768px** | **Large**  **≥992px** | **X-Large**  **≥1200px** | **XX-Large**  **≥1400px** |
| --- | --- | --- | --- | --- | --- |
| .container | 100% | 540px | 720px | 960px | 1140px | 1320px |
| .container-sm | 100% | 540px | 720px | 960px | 1140px | 1320px |
| .container-md | 100% | 100% | 720px | 960px | 1140px | 1320px |
| .container-lg | 100% | 100% | 100% | 960px | 1140px | 1320px |
| .container-xl | 100% | 100% | 100% | 100% | 1140px | 1320px |
| .container-xxl | 100% | 100% | 100% | 100% | 100% | 1320px |
| .container-fluid | 100% | 100% | 100% | 100% | 100% | 100% |

**<div class=”container”></div>**

**Button :**

Use Bootstrap’s custom button styles for actions in forms, dialogs, and more with support for multiple sizes, states, and more.

Variants :

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

<button type="button" class="btn btn-secondary">Secondary</button>

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

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

<button type="button" class="btn btn-warning">Warning</button>

<button type="button" class="btn btn-info">Info</button>

<button type="button" class="btn btn-light">Light</button>

<button type="button" class="btn btn-dark">Dark</button>

<button type="button" class="btn btn-link">Link</button>

**<a class="btn btn-primary" href="#" role="button">Link</a>**

**<button class="btn btn-primary" type="submit">Button</button>**

**<input class="btn btn-primary" type="button" value="Input">**

**<input class="btn btn-primary" type="submit" value="Submit">**

**<input class="btn btn-primary" type="reset" value="Reset">**

**<button type="button" class="btn btn-outline-primary">Primary</button>**

**<button type="button" class="btn btn-outline-secondary">Secondary</button>**

**<button type="button" class="btn btn-outline-success">Success</button>**

**<button type="button" class="btn btn-outline-danger">Danger</button>**

**<button type="button" class="btn btn-outline-warning">Warning</button>**

**<button type="button" class="btn btn-outline-info">Info</button>**

**<button type="button" class="btn btn-outline-light">Light</button>**

**<button type="button" class="btn btn-outline-dark">Dark</button>**

**<button type="button" class="btn btn-primary btn-lg">Large button</button>**

**<button type="button" class="btn btn-secondary btn-lg">Large button</button>**

**<button type="button" class="btn btn-primary btn-sm">Small button</button>**

**<button type="button" class="btn btn-secondary btn-sm">Small button</button>**

**<button type="button" class="btn btn-primary" disabled>Primary button</button>**

**<button type="button" class="btn btn-secondary" disabled>Button</button>**

**<button type="button" class="btn btn-outline-primary" disabled>Primary button</button>**

**<button type="button" class="btn btn-outline-secondary" disabled>Button</button>**

**<div class="d-grid gap-2">**

**<button class="btn btn-primary" type="button">Button</button>**

**<button class="btn btn-primary" type="button">Button</button>**

**</div>**

**<div class="d-grid gap-2 col-6 mx-auto">**

**<button class="btn btn-primary" type="button">Button</button>**

**<button class="btn btn-primary" type="button">Button</button>**

**</div>**

**<div class="d-grid gap-2 d-md-flex justify-content-md-end">**

**<button class="btn btn-primary me-md-2" type="button">Button</button>**

**<button class="btn btn-primary" type="button">Button</button>**

**</div>**

# **Badges**

Documentation and examples for badges, our small count and labeling component.

**<h1>Example heading <span class="badge text-bg-secondary">New</span></h1>**

**<h2>Example heading <span class="badge text-bg-secondary">New</span></h2>**

**<h3>Example heading <span class="badge text-bg-secondary">New</span></h3>**

**<h4>Example heading <span class="badge text-bg-secondary">New</span></h4>**

**<h5>Example heading <span class="badge text-bg-secondary">New</span></h5>**

**<h6>Example heading <span class="badge text-bg-secondary">New</span></h6>**

**<button type="button" class="btn btn-primary">**

**Notifications <span class="badge text-bg-secondary">4</span>**

**</button>**

**<button type="button" class="btn btn-primary position-relative">**

**Inbox**

**<span class="position-absolute top-0 start-100 translate-middle badge rounded-pill bg-danger">**

**99+**

**<span class="visually-hidden">unread messages</span>**

**</span>**

**</button>**

# **Alerts**

Provide contextual feedback messages for typical user actions with the handful of available and flexible alert messages.

<div class="alert alert-primary" role="alert">

A simple primary alert—check it out!

</div>

**<div class="alert alert-primary" role="alert">**

**A simple primary alert with <a href="#" class="alert-link">an example link</a>. Give it a click if you like.**

**</div>**

**<div class="alert alert-secondary" role="alert">**

**A simple secondary alert with <a href="#" class="alert-link">an example link</a>. Give it a click if you like.**

**</div>**

**<div class="alert alert-success" role="alert">**

**A simple success alert with <a href="#" class="alert-link">an example link</a>. Give it a click if you like.**

**</div>**

**<div class="alert alert-danger" role="alert">**

**A simple danger alert with <a href="#" class="alert-link">an example link</a>. Give it a click if you like.**

**</div>**

**<div class="alert alert-warning" role="alert">**

**A simple warning alert with <a href="#" class="alert-link">an example link</a>. Give it a click if you like.**

**</div>**

**<div class="alert alert-info" role="alert">**

**A simple info alert with <a href="#" class="alert-link">an example link</a>. Give it a click if you like.**

**</div>**

**<div class="alert alert-light" role="alert">**

**A simple light alert with <a href="#" class="alert-link">an example link</a>. Give it a click if you like.**

**</div>**

**<div class="alert alert-dark" role="alert">**

**A simple dark alert with <a href="#" class="alert-link">an example link</a>. Give it a click if you like.**

**</div>**

# **Button group**

Group a series of buttons together on a single line or stack them in a vertical column.

**<div class="btn-group" role="group" aria-label="Basic example">**

**<button type="button" class="btn btn-primary">Left</button>**

**<button type="button" class="btn btn-primary">Middle</button>**

**<button type="button" class="btn btn-primary">Right</button>**

**</div>**

**<div class="btn-group-vertical" role="group" aria-label="Vertical button group">**

**<button type="button" class="btn btn-primary">Button</button>**

**<button type="button" class="btn btn-primary">Button</button>**

**<button type="button" class="btn btn-primary">Button</button>**

**<button type="button" class="btn btn-primary">Button</button>**

**</div>**

**Navbar:**

**<nav class="navbar navbar-expand-lg bg-body-tertiary">**

**<div class="container-fluid">**

**<a class="navbar-brand" href="#">Navbar</a>**

**<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">**

**<span class="navbar-toggler-icon"></span>**

**</button>**

**<div class="collapse navbar-collapse" id="navbarSupportedContent">**

**<ul class="navbar-nav me-auto mb-2 mb-lg-0">**

**<li class="nav-item">**

**<a class="nav-link active" aria-current="page" href="#">Home</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link" href="#">Link</a>**

**</li>**

**<li class="nav-item dropdown">**

**<a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">**

**Dropdown**

**</a>**

**<ul class="dropdown-menu">**

**<li><a class="dropdown-item" href="#">Action</a></li>**

**<li><a class="dropdown-item" href="#">Another action</a></li>**

**<li><hr class="dropdown-divider"></li>**

**<li><a class="dropdown-item" href="#">Something else here</a></li>**

**</ul>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link disabled" aria-disabled="true">Disabled</a>**

**</li>**

**</ul>**

**<form class="d-flex" role="search">**

**<input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">**

**<button class="btn btn-outline-success" type="submit">Search</button>**

**</form>**

**</div>**

**</div>**

**</nav>**

**Card :**

 <div class="card" style="width: 18em;margin: 20px;" >

        <img src="photo.jpg" class="card-img-top" alt="...">

        <div class="card-body">

            <h5 class="card-title">KRISHNA YADHAV</h5>

            <p class="card-text">I can't thank you enough.  You're the best!</p>

            <a href="#" class="btn btn-primary">Go somewhere</a>

        </div>

    </div>

**Grid:**

**<div class="container text-center">**

**<div class="row">**

**<div class="col">**

**Column**

**</div>**

**<div class="col">**

**Column**

**</div>**

**<div class="col">**

**Column**

**</div>**

**</div>**

**</div>**