**Bootstrap 5 Modal**

* Always keep all your jQuery files in body section, at the end of body.
* Modal Classes
  + **.modal**
  + **.modal-dialog**
  + **.modal-content**
  + .modal-header
  + .modal-body
  + .modal-footer [optional]
* jQuery attributes
  + data-bs-target
  + data-bs-toggle
  + data-bs-dismiss

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Modal</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

</head>

<body class="container-fluid">

<div class="mt-3">

<button data-bs-toggle="modal" data-bs-target="#login" class="btn btn-primary">Login</button>

<a href="#register" class="btn btn-link" data-bs-toggle="modal">Register</a>

<!--Login Modal-->

<div class="modal fade" id="login">

<div class="modal-dialog modal-fullscreen">

<div class="modal-content">

<div class="modal-header">

<h3>User Login</h3>

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

</div>

<div class="modal-body">

<dl>

<dt>User Name</dt>

<dd>

<input type="text">

</dd>

<dt>Password</dt>

<dd>

<input type="password">

</dd>

</dl>

</div>

<div class="modal-footer">

<button class="btn btn-primary">Login</button>

<button data-bs-dismiss="modal" class="btn btn-danger">Cancel</button>

</div>

</div>

</div>

</div>

<!--Register Modal-->

<div class="modal fade" id="register">

<div class="modal-dialog modal-dialog-scrollable">

<div class="modal-content">

<div class="modal-header bg-warning">

<h3>Register New User</h3>

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

</div>

<div class="modal-body">

<dl>

<dt>User Name</dt>

<dd><input type="text"></dd>

<dt>Password</dt>

<dd><input type="text"></dd>

<dt>Mobile</dt>

<dd><input type="text"></dd>

<dt>Email</dt>

<dd><input type="text"></dd>

<dt>Date of Birth</dt>

<dd><input type="text"></dd>

<dt>City</dt>

<dd><input type="text"></dd>

<dt>Postal Code</dt>

<dd><input type="text"></dd>

</dl>

</div>

<div class="modal-footer">

<button class="btn btn-primary">Register</button>

</div>

</div>

</div>

</div>

</div>

<script src="../node\_modules/jquery/dist/jquery.js"></script>

<script src="../node\_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>

</body>

</html>

**Bootstrap 5 Cards**

* CSS Classes
  + .card
  + .card-header
  + .card-body
  + .card-footer
  + .card-title
  + .card-subtitle
  + .card-link
  + .card-text
  + .card-img-overlay
  + .card-img-top
  + .card-deck [Deprecated – No longer in use from 5 Version]  
    Use Row and Col classes for responsive cards.

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Card</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

</head>

<body class="container-fluid">

<h2>Products Catalog</h2>

<div class="row">

<div class="card col-3 m-2">

<div class="card-header">

<h3 class="card-title">JBL Speaker</h3>

<p class="card-subtitle">70% Off with UPI Payment</p>

</div>

<div class="card-body">

<img src="../assets/speaker.jpg" width="150" height="150">

<p class="card-text">&#8377; 4500.00/-</p>

<p><a href="#" class="card-link">more..</a></p>

</div>

<div class="card-footer">

<button class="btn btn-danger">Add to Cart</button>

</div>

</div>

<div class="card col-3 m-2">

<div class="card-header">

<h3 class="card-title">Nike Casuals</h3>

<p class="card-subtitle">40% Off</p>

</div>

<div class="card-body">

<img src="../assets/shoe.jpg" width="150" height="150">

<p class="card-text">&#8377; 6500.00/-</p>

<p><a href="#" class="card-link">more..</a></p>

</div>

<div class="card-footer">

<button class="btn btn-danger">Add to Cart</button>

</div>

</div>

<div class="card col-3 m-2">

<img class="card-img-top" src="../assets/shirt.jpg" width="150" height="150">

<div class="card-header text-center">

<h3 class="card-title">Shirt</h3>

<p class="card-subtitle">20% Off</p>

</div>

<div class="card-body">

<p class="card-text">&#8377; 6500.00/-</p>

<p><a href="#" class="card-link">more..</a></p>

</div>

<div class="card-footer">

<button class="btn btn-danger">Add to Cart</button>

</div>

</div>

</div>

</body>

</html>

**Badges in Bootstrap 5**

.badge

.bg-primary, etc. [No more “badge-primary”..]

.rounded-pill [No more “badge-pill”]

.rounded-circle

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Badge</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

<link rel="stylesheet" href="../fonts/css/all.css">

</head>

<body class="container-fluid">

<div class="mt-4">

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

<span class="fa fa-envelope"></span> New Mails

<span class="badge bg-dark rounded-pill position-absolute top-0 start-100 translate-middle">+4</span>

</button>

<button class="btn btn-primary position-relative m-4">

<span class="fa fa-bell"></span> Notifications

<span class="badge bg-dark rounded-pill position-absolute top-0 start-100 translate-middle">+2</span>

</button>

</div>

</body>

</html>

**Forms in Bootstrap 5**

* “form-group” removed and recommended to use margins
* Label have new class “form-label”
* Form Control Classes
  + .form-control [text, email, url, password, number]
  + .form-control-color [color picker]
  + .disabled
  + .form-select [for dropdown]
  + .form-select-sm
  + .form-check-input [Radio and CheckBox]
  + .form-check-label
  + .form-switch [**Toggle switch]**
  + .form-check
  + .form-range [input type range]

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Form</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

</head>

<body class="container-fluid">

<h2>Register</h2>

<div class="w-25">

<div class="mb-3">

<label class="form-label">User Name</label>

<div>

<input type="text" class="form-control">

</div>

</div>

<div class="mb-3">

<label class="form-label">Password</label>

<div>

<input disabled type="password" class="form-control">

</div>

</div>

<div class="mb-3">

<label class="form-label">Select City</label>

<div>

<select class="form-select">

<option>Delhi</option>

<option>Hyd</option>

</select>

</div>

</div>

<div class="mb-3">

<label class="form-label">Gender</label>

<div>

<input class="form-check-input" checked type="radio" name="Gender">

<label class="form-check-label">Male</label>

<input class="form-check-input" type="radio" name="Gender">

<label class="form-check-label">Female</label>

</div>

</div>

<div class="mb-3">

<label>Choose Courses</label>

<div class="form-check form-switch">

<input class="form-check-input" checked type="checkbox">

<label class="form-check-label">Java</label>

</div>

<div class="form-check form-switch">

<input class="form-check-input" type="checkbox">

<label class="form-check-label">.NET</label>

</div>

<div class="form-check form-switch">

<input class="form-check-input" checked type="checkbox">

<label class="form-check-label">Full Stack</label>

</div>

</div>

<div class="mb-3">

<label class="form-label">Select Price Range</label>

<div>

<input type="range" class="form-range">

</div>

</div>

<div class="mb-3">

<label class="form-label">Upload Photo</label>

<div>

<input type="file" class="form-control">

</div>

</div>

<div class="mb-3 d-grid">

<button class="btn btn-primary">Register</button>

</div>

</div>

</body>

</html>

**Input Group – Bootstrap 5**

.input-group

.input-group-text

.input-group-sm

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Input Group</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

<link rel="stylesheet" href="../fonts/css/all.css">

</head>

<body class="container-fluid">

<h2>Input Group</h2>

<div class="input-group">

<select class="input-group-text">

<option>All</option>

<option>Footwear</option>

</select>

<input type="text" class="form-control">

<button class="btn btn-warning">

<span class="fa fa-search"></span>

</button>

</div>

</body>

</html>

Ex: Input Group Prepend and Append Styles

­<!DOCTYPE html>

<html>

<head>

<title>Input Group</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

<link rel="stylesheet" href="../fonts/css/all.css">

</head>

<body class="container-fluid">

<h2>Input Group [prepend - append]</h2>

<div class="input-group">

<select class="input-group-text">

<option>All</option>

<option>Footwear</option>

</select>

<input type="text" class="form-control">

<button class="btn btn-warning">

<span class="fa fa-search"></span>

</button>

</div>

<h2>Append</h2>

<div class="input-group">

<input type="text" placeholder="Your Email" class="form-control">

<span class="input-group-text">@gmail.com</span>

</div>

<h2>Prepend</h2>

<div class="input-group">

<span class="input-group-text">&#8377;</span>

<input type="text" class="form-control">

</div>

<h2>Multiple</h2>

<div class="input-group">

<span class="input-group-text">First Name</span>

<span class="input-group-text">Last Name</span>

<input type="text" class="form-control">

</div>

</body>

</html>

**Bootstrap Collapse**

* It is used for show/hide any element.
* Classes
  + .collapse
  + .collapsing
  + .show

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Collapse</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

</head>

<body class="container-fluid">

<div class="mt-3">

<div>

<button data-bs-toggle="collapse" data-bs-target="#preview" class="btn btn-primary">Show/Hide</button>

</div>

<div class="card collapse collapsing show" id="preview">

<div class="card-header">

<h2>Nike Casuals</h2>

</div>

<div class="card-body">

<img src="../assets/shoe.jpg" width="200" height="200">

</div>

</div>

</div>

<script src="../node\_modules/jquery/dist/jquery.js"></script>

<script src="../node\_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>

</body>

</html>

**Bootstrap Carousel**

* It is used for creating sliding banners
* Configure slide show of content
* It allows manual and auto show.
* The classes are
  + .carousel
  + .carousel-inner
  + .carousel-item
* Data Attribute to start
  + data-bs-ride
* Carousel Controls
  + .carousel-control-prev
  + .carousel-control-prev-icon
  + .carousel-control-next
  + .carousel-control-next-icon
* Attributes for previous and next navigation
  + data-bs-slide=”prev”
  + data-bs-slide=”next”
  + data-bs-slide-to-“0”
* Transition
  + .slide
  + Remove “slide” to disable transition
  + .carousel-fade
* You can defined fade and slide  
  <div class=”carousel slide carousel-fade”>

**Ex:**

<!DOCTYPE html>

<html>

<head>

<title>Carouse</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

</head>

<body class="container-fluid">

<div id="topbanner" class="carousel carousel-dark slide" data-bs-ride="carousel">

<div class="carousel-inner">

<div class="carousel-item active" data-bs-interval="4000">

<img src="../assets/slide1.PNG" class="d-block w-100">

</div>

<div class="carousel-item" data-bs-interval="1000">

<img src="../assets/slide2.PNG" class="d-block w-100">

</div>

<div class="carousel-item" data-bs-interval="5000" >

<img src="../assets/slide3.PNG" class="d-block w-100">

</div>

</div>

<button class="carousel-control-prev" data-bs-target="#topbanner" data-bs-slide="prev" >

<span class="carousel-control-prev-icon"></span>

</button>

<button class="carousel-control-next" data-bs-target="#topbanner" data-bs-slide="next">

<span class="carousel-control-next-icon"></span>

</button>

<div class="carousel-indicators">

<button class="active" data-bs-target="#topbanner" data-bs-slide-to="0"></button>

<button data-bs-target="#topbanner" data-bs-slide-to="1"></button>

<button data-bs-target="#topbanner" data-bs-slide-to="2"></button>

</div>

</div>

<script src="../node\_modules/jquery/dist/jquery.js"></script>

<script src="../node\_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>

</body>

</html>

**Bootstrap Dropdown**

.dropdown

.dropdown-menu

.dropdown-item

.dropdown-divider

.dropdown-menu-dark

.dropup

.dropstart [left]

.dropend [right]

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Dropdown</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

<link rel="stylesheet" href="../fonts/css/all.css">

</head>

<body class="container-fluid">

<h2>Dropdown Demo</h2>

<div class="dropdown">

<button class="btn btn-dark dropdown-toggle" data-bs-toggle="dropdown">More</button>

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

<li>

<a class="dropdown-item active" href="#">

<span class="fa fa-bell"></span>

Notifications

</a>

</li>

<li>

<a class="dropdown-item" href="#">

<span class="fa fa-phone"></span>

Missed Calls

</a>

</li>

<li>

<a class="dropdown-item" href="#">

<span class="fa fa-mail-bulk"></span>

New Mails

</a>

</li>

<li>

<hr class="dropdown-divider">

</li>

<li>

<a class="dropdown-item" href="#">

<span class="fa fa-question"></span>

Help

</a>

</li>

</ul>

</div>

<script src="../node\_modules/jquery/dist/jquery.js"></script>

<script src="../node\_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>

</body>

</html>

**Navs and Tabs**

.nav

.nav-item

.nav-link

.nav-tabs

.nav-pills

.tab-content

.tab-pane

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Dropdown</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

<link rel="stylesheet" href="../fonts/css/all.css">

</head>

<body class="container-fluid">

<h2>Nav Tabs</h2>

<ul class="nav nav-tabs">

<li class="nav-item">

<button class="nav-link active" data-bs-toggle="tab" data-bs-target="#details">Basic Details</button>

</li>

<li class="nav-item">

<button class="nav-link" data-bs-toggle="tab" data-bs-target="#preview" >Preview</button>

</li>

<li class="nav-item">

<button class="nav-link" data-bs-toggle="tab" data-bs-target="#description">Description</button>

</li>

</ul>

<div class="tab-content mt-3" id="productinfo">

<div class="tab-pane fade show active" id="details">

<h4>Details</h4>

<dl>

<dt>Name</dt>

<dd>JBL Speaker</dd>

<dt>Price</dt>

<dd>5600.45</dd>

<dt>Stock</dt>

<dd>Available</dd>

</dl>

</div>

<div class="tab-pane fade" id="preview">

<h4>Preview</h4>

<img src="../assets/speaker.jpg" width="200" height="200">

</div>

<div class="tab-pane fade" id="description">

<h4>Description</h4>

<p>something about speaker..</p>

</div>

</div>

<script src="../node\_modules/jquery/dist/jquery.js"></script>

<script src="../node\_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>

</body>

</html>

**Navbar**

.navbar

.navbar-expand-lg

.navbar-dark

.navbar-light

.navbar-brand

.navbar-toggler

.navbar-toggler-icon

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Dropdown</title>

<link rel="stylesheet" href="../node\_modules/bootstrap/dist/css/bootstrap.css">

<link rel="stylesheet" href="../fonts/css/all.css">

</head>

<body class="container-fluid">

<nav class="navbar navbar-expand-lg navbar-dark bg-dark mt-1">

<div class="container-fluid">

<button class="navbar-toggler" data-bs-toggle="collapse" data-bs-target="#menuitems" >

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

</button>

<a class="navbar-brand" href="#"> <span class="fa fa-shopping-cart"></span> Amazon Shopping</a>

<div class="collapse navbar-collapse" id="menuitems">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link">Home</a>

</li>

<li class="nav-item">

<a class="nav-link">About</a>

</li>

<li class="nav-item">

<a class="nav-link">Contact</a>

</li>

</ul>

</div>

</div>

</nav>

<script src="../node\_modules/jquery/dist/jquery.js"></script>

<script src="../node\_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>

</body>

</html>