

Bootstrap Components

- Bootstrap provides a rich set of components for various interactions.
- Bootstrap components require HTML, CSS and jQuery attributes.
- Bootstrap components require “bootstrap.bundle.js” library.
- Script library is embedded into page by using <script> element.
- Any bootstrap jQuery requires the base “jquery.js” core file.

Bootstrap Alerts

- Alert is used to display a message box dynamically embedded into page.
- You can open and close the alerts dynamically.
- The bootstrap classes to design alerts are

| Bootstrap Class | Description |
|-----------------|-------------------------------------|
| .alert | It is the base class for alert box. |

| | |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| .alert-contextual | It defines different colors .alert-primary .alert-secondary .alert-success .alert-danger etc. |
| .alert-link | It is used for links in alert box. |
| .alert-heading | It is used for heading text in alert box. |
| .alert-dismissible | It is used to define dismiss style for the alert [close] |
| .fade | It give a fading effects. |
| .show | It is used to display in page. |
| .close | It is used for buttons in alert to display as close button. |

| jQuery Attribute | Description |
|-------------------------|--------------------|
|-------------------------|--------------------|

| | |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| role | It defines the role of container, it can be <ul style="list-style-type: none"> - Alert - Dialog - Modal etc. |
| Data-dismiss | It is used to define a behaviour that can dynamically close the current element or any specific element. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet"
```

```
    href="../node_modules/bootstrap/dist/css/bootstrap.css">
```

```
    <script
```

```
    src="../node_modules/jquery/dist/jquery.js">
```

```
</script>
```

```
<script
src="../../node_modules/bootstrap/dist/js/boot
strap.bundle.js"></script>
</head>
<body class="container-fluid">
  <h2>Alert</h2>
  <div class="alert alert-success alert-
dismissible show fade" role="alert">
    <button data-dismiss="alert"
class="close">x</button>
    <h2 class="alert-heading">Registered
Successfully</h2>
    <p>Your registration completed.</p>
    <a class="alert-link"
href="#">Login</a>
    <p>
      <button data-dismiss="alert"
class="btn btn-success">OK</button>
    </p>
  </div>
</body>
</html>
```

Bootstrap Badge

- A badge is used for displaying notification style.
- It is used for displaying annotations and marked contents in a list or any element.

| | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| .badge | It is the base class for badge. |
| .badge-contextual | Colors for badge <ul style="list-style-type: none"> - .badge-primary - .badge-secondary - .badge-success etc.. |
| .badge-pill | It is a badge with border radius. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <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>
    Missed Calls
    <span class="fa fa-phone"></span>
    <sup>
      <span class="badge badge-pill badge-
dark">2</span>
    </sup>
  </div>
  <div>
    Messages
    <span class="fa fa-mail-bulk"></span>
    <sup>
      <span class="badge badge-pill badge-
dark">1</span>
    </sup>
  </div>
  <h2>Badge</h2>
  <button class="btn btn-outline-success">
    <span class="badge badge-
success">4</span>
    <span class="fa fa-thumbs-
up"></span>
```

Likes

</button>

<h2>Badge for List</h2>

<ul class="list-unstyled">

4 Electronics

3 Footwear

8 Fashion

<h2>Badge Pills</h2>

<ul class="list-unstyled" style="display: flex;">

Home

About

Contact

</body>

</html>

Bootstrap Breadcrumb

- It is mostly used for creating side navigation or site maps.

| | |
|--------------------|-----------------------------------------------------------|
| .breadcrumb | Its is collection of items to display in breadcrumb style |
| .breadcrumb-item | It is used for displaying every item in collection. |
| .breadcrumb-active | It uses active style and sets focus on one item. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet"
```

```
    href="../node_modules/bootstrap/dist/css/bootstrap.css">
```

```
    <link rel="stylesheet"
```

```
    href="../Fonts/css/all.css">
```

```
  <style>
```



```
.breadcrumb-item + .breadcrumb-  
item::before {  
    content: "-->";  
}  
</style>  
</head>  
<body class="container-fluid">  
    <h2>Site Map</h2>  
    <ol class="breadcrumb">  
        <li class="breadcrumb-item"><a  
href="#">Home</a></li>  
        <li class="breadcrumb-item"><a  
href="#">About</a></li>  
        <li class="breadcrumb-item"><a  
href="#">Contact</a></li>  
    </ol>  
</body>  
</html>
```

Bootstrap Buttons

- Bootstrap provides several classes for buttons.

| | |
|-------------------------|---------------------------------------------------------------------------------------|
| .btn | It is the base class for button. |
| .btn-contextual | It sets different colors. .btn-primary .btn-secondary etc. |
| .btn-outline-contextual | It will set outline style colors. .btn-outline-primary .btn-outline-danger etc. |
| .btn-size | Size for button is defined with .btn-sm .btn-lg |
| .btn-block | It sets the button width to fit the parent. |
| .btn-link | It defined button with a link style. |
| .active | Predefined style for active. |
| .disabled | Predefined style for disable. |

| | |
|--------|-----------------------------|
| .close | Predefines style for close. |
|--------|-----------------------------|

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bo
otstrap.css">
```

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

```
  </head>
```

```
  <body class="container-fluid">
```

```
    <h2>Buttons Contextual</h2>
```

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

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

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

```
    <h2>Buttons Outline Contextual</h2>
```

```
    <button class="btn btn-outline-
primary">Home</button>
```

```
<button class="btn btn-outline-
danger">About</button>
<button class="btn btn-outline-
success">Contact</button>
<h2>Button Block</h2>
<button class="btn btn-dark btn-
block">Back to Top</button>
<h2>Button Size</h2>
<button class="btn btn-primary btn-
sm">Home</button>
<button class="btn btn-primary btn-
lg">Home</button>
<h2>Link Button</h2>
<button class="btn btn-
link">Login</button>
<h2>Close Button</h2>
<button class="close">x</button>
</body>
</html>
```

Button Toolbar and Button Group

- Bootstrap can create a button tool bar with set of button groups.

| | |
|--------------|-------------------------------------------------|
| .btn-toolbar | It creates a toolbar with set of button groups. |
| .btn-group | It creates a group of buttons. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <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>Amazon Shopping</h2>
```

```
    <div class="btn-toolbar bg-danger justify-
content-between">
```

```
      <div class="btn-group">
```

```
<button class="btn btn-danger"> <span  
class="fa fa-home"></span> Home</button>
```

```
<button class="btn btn-danger"> <span  
class="fa fa-tv"></span> Electronics</button>
```

```
<button class="btn btn-danger"> <span  
class="fa fa-tshirt"></span> Fashion</button>
```

```
</div>
```

```
<div class="btn-group">
```

```
<button class="btn btn-danger"><span  
class="fa fa-search"></span> Search</button>
```

```
<button class="btn btn-danger"><span  
class="fa fa-user"></span> Login</button>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

Bootstrap Card

- Card is a container.
- It contains flexible content inside.
- It includes header, footer and body content.

| Class | Description |
|----------------|-------------------------------------------------|
| .card | It is a container for defining card contents. |
| .card-img-top | It is used for image to display as card header. |
| .card-header | It is used for header content. |
| .card-footer | It is used for footer content. |
| .card-body | It is used for body content. |
| .card-title | It is used for titles. |
| .card-subtitle | It is used for sub titles. |
| .card-link | It is used for links in a card. |
| .card-text | It is used for normal text in card. |
| .card-deck | It is a collection of cards. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Cards</title>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/boot
strap.css">
```

```
<link rel="stylesheet"
href="../Fonts/css/all.css">
<style>
    .card-img-top {
        width: 100%;
        height: 200px;
    }
</style>
</head>
<body class="container-fluid">
    <h2>Card Deck</h2>
    <!--All Cards-->
    <div class="card-deck">
        <!--Card-1-->
        <div class="card">
            <div class="card-header">
                <h3 class="card-title">Nike
Casuals</h3>
```



```
        <h5 class="card-subtitle">&#8377;  
6700.77</h5>
```

```
    </div>
```

```
    <div class="card-body">
```

```
        
```

```
    <div>
```

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

```
    </div>
```

```
</div>
```

```
<div class="card-footer">
```

```
    <button class="btn btn-danger btn-  
block"> <span class="fa fa-shopping-  
cart"></span> Add to Cart</button>
```

```
</div>
```

```
</div>
```

```
<!--Card-2-->
```

```
<div class="card">
```

```
    <div class="card-header">
```

```
        <h3 class="card-title">Shirt</h3>
        <h5 class="card-subtitle">&#8377;
2300.77</h5>
    </div>
    <div class="card-body">
        
        <div>
            <a href="#" class="card-
link">more details..</a>
        </div>
    </div>
    <div class="card-footer">
        <button class="btn btn-danger btn-
block"> <span class="fa fa-shopping-
cart"></span> Add to Cart</button>
    </div>
</div>
<!--Card-3-->
<div class="card">
```

```
<div class="card-header">
    <h3 class="card-title">JBL
Speaker</h3>
    <h5 class="card-subtitle">&#8377;
4700.77</h5>
</div>
<div class="card-body">
    
    <div>
        <a href="#" class="card-
link">more details..</a>
    </div>
</div>
<div class="card-footer">
    <button class="btn btn-danger btn-
block"> <span class="fa fa-shopping-
cart"></span> Add to Cart</button>
</div>
</div>
```

```
</div>
```

```
<!-- Another Card Deck-->
```

```
<h2>Image Top</h2>
```

```
<div class="card-deck">
```

```
  <div class="card">
```

```
    
```

```
    <div class="card-header">
```

```
      <h3>JBL Speaker</h3>
```

```
    </div>
```

```
    <div class="card-body">
```

```
      <h4>&#8377; 5700.66</h4>
```

```
    </div>
```

```
</div>
```

```
<div class="card">
```

```
  
```

```
  <div class="card-header">
```

```
<h3>Nike Casuals</h3>
```

```
</div>
```

```
<div class="card-body">
```

```
<h4>#8377; 3700.66</h4>
```

```
</div>
```

```
</div>
```

```
<div class="card">
```

```

```

```
<div class="card-header">
```

```
<h3>Shirt</h3>
```

```
</div>
```

```
<div class="card-body">
```

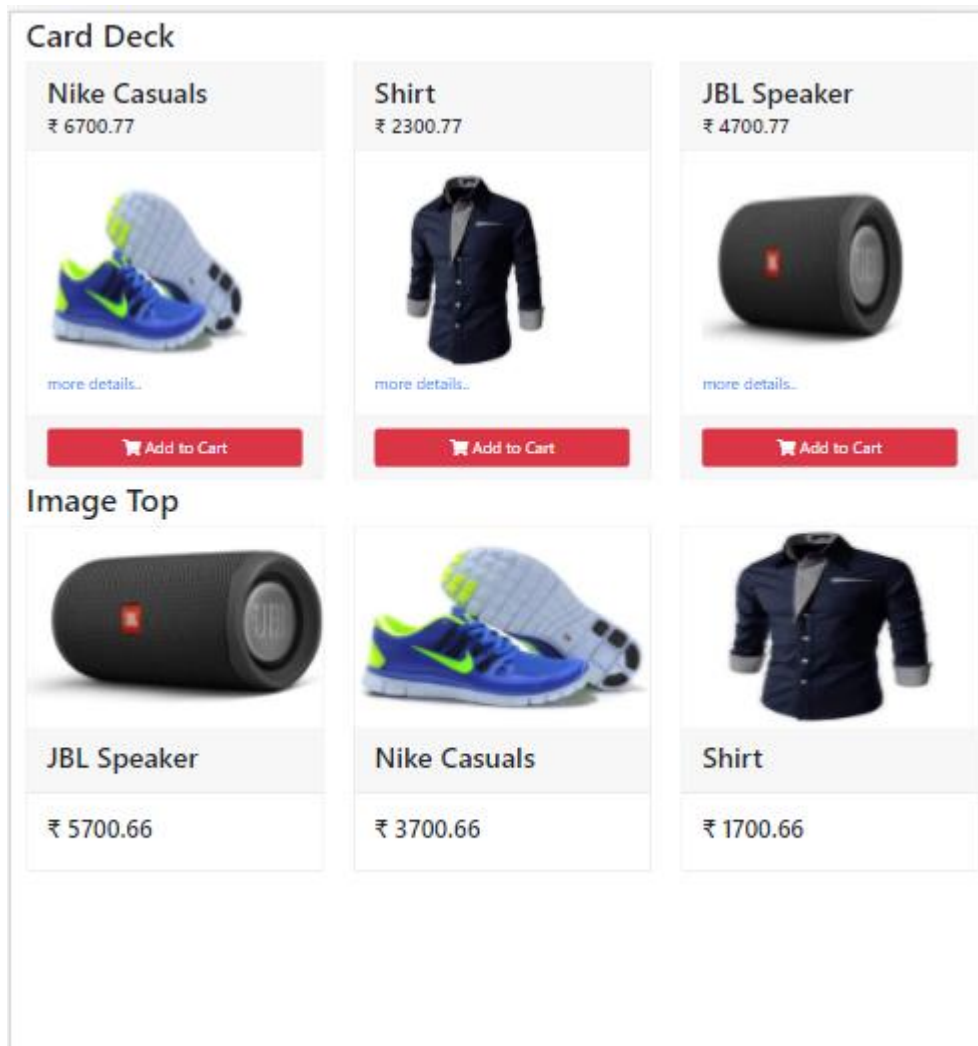
```
<h4>#8377; 1700.66</h4>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
</html>
```



Bootstrap Carousel

- Carousel is used for creating sliding and fading contents.
- It is used to create dynamic slide show with manual and auto navigation
- It uses CSS and jQuery attribute to handle interactions.

Basic Carousel Classes

| Class | Description |
|-----------------|----------------------------------------------------------------------------------------------------------|
| .carousel | It is a container for sliding and fading contents. |
| .carousel-inner | It defines a collection of items in carousel. All items in carouse must be defined in carousel inner. |
| .carousel-item | It defines an individual carousel item. The banner or text to slide or fade is defined here. |
| .active | It is used to start the carouse with specific item. Every carousel must have only one item active. |
| .slide | It gives sliding effect. |
| .fade | It give the fading effect. |

Basic jQuery attribute

| | |
|-----------|------------------------------------------------------------------------|
| data-ride | It Starts the carousel. You can define carousel a value for data-ride. |
|-----------|------------------------------------------------------------------------|

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Carousel</title>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bootst
rap.css">
```

```
    <script
src="../node_modules/jquery/dist/jquery.js"></sc
ript>
```

```
    <script
src="../node_modules/bootstrap/dist/js/bootstra
p.bundle.js"></script>
```

```
  </head>
```

```
  <body class="container-fluid">
```

```
    <div class="carousel slide" data-
ride="carousel">
```

```
      <div class="carousel-inner">
```

```
        <div class="carousel-item active">
```



```
        
```

```
    </div>
```

```
    <div class="carousel-item">
```

```
        
```

```
    </div>
```

```
    <div class="carousel-item">
```

```
        
```

```
    </div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

Carousel with Control:

- Controls allow to navigate between slides.
- The controls are defined inside the carousel.
- Technically carouse controls are Hyperlinks with button behaviour.

- Click Next for next slide and previous for previous slide.
- Classes required to create carousel controls

| Class | Description |
|-----------------------------|--------------------------------------|
| .carousel-control-prev | It adds a previous button. |
| .carousel-control-prev-icon | It is icon used for previous button. |
| .carousel-control-next | It adds a next button. |
| .carousel-control-next-icon | It adds next icon for next button. |

- The functionality for navigating previous and next is give by using jQuery Attributes

| Attribute | Description |
|------------|-------------------------------------------------------------------------------------------------------------------------|
| data-slide | It defines the slide to specific items. You can use: data-slide="prev" for previous data-slide="next" for next |
| role | It is an attribute use to specify the role of elements |

| | |
|--|----------------------------------------|
| | like dialog, alert, modal, button etc. |
|--|----------------------------------------|

Note: Every page can have multiple carousel contents. You need a unique ID for reference. Control usually refer to the ID of carousel.

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Carousel</title>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/boot
strap.css">
```

```
    <script
src="../node_modules/jquery/dist/jquery.js"></
script>
```

```
    <script
src="../node_modules/bootstrap/dist/js/bootstr
ap.bundle.js"></script>
```

```
  </head>
```

```
<body class="container-fluid">

  <div id="mainCarousel" class="carousel
slide" data-ride="carousel">

    <div class="carousel-inner">

      <div class="carousel-item active">

      </div>

      <div class="carousel-item">

      </div>

      <div class="carousel-item">

      </div>

    </div>

    <!--Carousel Inner Ends-->

    <!--Carousel Controls-->
```

```
<a href="#mainCarousel" role="button"
data-slide="prev" class="carousel-control-
prev">
```

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

```
</a>
```

```
<a href="#mainCarousel" role="button"
data-slide="next" class="carousel-control-
next">
```

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

```
</a>
```

```
</div>
```

```
</body>
```

```
</html>
```

Carousel Indicators:

- Indicators allow to slide to any specific item in carousel.
- Indicators will show how many items are there.

- The classes required for adding indicators

| Class | Description |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| .carousel-indicators | It is a collection of indicators. Usually indicators collection is defined with a set of items in or . |

- The jQuery attributes used by indicators

| Attribute | Description |
|----------------------|---------------------------------------------------------------------------------------------------------------------------|
| data-target | It specifies the ID of carousel. Indicators should refer to ID of carousel. |
| data-slide-to-number | It indicates the index number of items to slide. Index starts with 0. Every indicator is defined with data-slide-to |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
<title>Carousel</title>

<link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/boot
strap.css">

<script
src="../node_modules/jquery/dist/jquery.js"></
script>

<script
src="../node_modules/bootstrap/dist/js/bootstr
ap.bundle.js"></script>

</head>

<body class="container-fluid">

  <div id="mainCarousel" class="carousel
slide" data-ride="carousel">

    <!--Carousel Indicators-->

    <ol class="carousel-indicators">

      <li data-target="#mainCarousel" data-
slide-to="0" class="active"></li>

      <li data-target="#mainCarousel" data-
slide-to="1"></li>
```

```
<li data-target="#mainCarousel" data-  
slide-to="2"></li>
```

```
</ol>
```

```
<div class="carousel-inner">
```

```
<div class="carousel-item active">
```

```

```

```
</div>
```

```
<div class="carousel-item">
```

```

```

```
</div>
```

```
<div class="carousel-item">
```

```

```

```
</div>
```

```
</div>
```

```
<!--Carousel Inner Ends-->
```

```
<!--Carousel Controls-->
```



```
<a href="#mainCarousel" role="button"
data-slide="prev" class="carousel-control-
prev">
```

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

```
</a>
```

```
<a href="#mainCarousel" role="button"
data-slide="next" class="carousel-control-
next">
```

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

```
</a>
```

```
</div>
```

```
</body>
```

```
</html>
```

Carousel Slide Timing

- You can use the attribute “data-interval” to defined timing for every carousel item.
- It uses milliseconds to define the timing [1000ms = 1sec].

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Carousel</title>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bootst
rap.css">
```

```
    <script
src="../node_modules/jquery/dist/jquery.js"></sc
ript>
```

```
    <script
src="../node_modules/bootstrap/dist/js/bootstra
p.bundle.js"></script>
```

```
  </head>
```

```
  <body class="container-fluid">
```

```
    <div id="mainCarousel" class="carousel slide"
data-ride="carousel">
```

```
      <!--Carousel Indicators-->
```

```
      <ol class="carousel-indicators">
```

```
<li data-target="#mainCarousel" data-slide-  
to="0" class="active"></li>
```

```
<li data-target="#mainCarousel" data-slide-  
to="1"></li>
```

```
<li data-target="#mainCarousel" data-slide-  
to="2"></li>
```

```
</ol>
```

```
<div class="carousel-inner">
```

```
<div class="carousel-item active" data-  
interval="2000">
```

```

```

```
</div>
```

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

```

```

```
</div>
```

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

```
        
    </div>
</div>
<!--Carousel Inner Ends-->
<!--Carousel Controls-->
    <a href="#mainCarousel" role="button"
data-slide="prev" class="carousel-control-prev">
        <span class="carousel-control-prev-
icon"></span>
    </a>
    <a href="#mainCarousel" role="button"
data-slide="next" class="carousel-control-next">
        <span class="carousel-control-next-
icon"></span>
    </a>
</div>
</body>
</html>
```

Bootstrap Collapse

- It is used to define a container which can expand and collapse dynamically.
- Show or hide contents in a group dynamically.

| Class | Description |
|----------------|----------------------------------------------------------|
| .collapse | It is a container that contains the content to collapse. |
| .collapsing | It defines the animation style for collapse. |
| .collapse.show | It is used to show content |

- jQuery attributes to control collapse

| | |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| data-target | It specifies the ID reference for collapse container. If you are using button to collapse then define “data-target”. If you are using “<a>” to collapse then define “href” |
| data-toggle | It is used to toggle the display ON or OFF. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
  <head>
    <title>Collapse</title>
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/boot
strap.css">
    <script
src="../node_modules/jquery/dist/jquery.js"></
script>
    <script
src="../node_modules/bootstrap/dist/js/bootstr
ap.bundle.js"></script>
  </head>
  <body class="container-fluid">
    <h2>Collapse Demo</h2>
    <div>
      <a href="#bootstrap" data-
toggle="collapse" >Show/Hide</a>
      <button data-target="#bootstrap" data-
toggle="collapse" class="btn btn-
primary">Show / Hide</button>
```

```
</div>
<div class="collapse collapsing"
id="bootstrap">
    <h2>Bootstrap</h2>
    <p>Something about bootstrap.</p>
</div>
</body>
</html>
```

Bootstrap Accordion

- Accordion is a wrapper used to enclose a group of containers, which can toggle the display.
- You have to use combination of “collapse and accordion”.
- You have to use “.accordion” class for defining the main container.
- To refer the accordion, you can use the attribute “data-parent”

Syntax:

```
<div class="accordion" id="main">
    <div class="collapse" data-parent="#main">
```

</div>

<div class="collapse" data-parent="#main">

</div>

</div>

- You have to use buttons or links to toggle the collapse.

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Collapse</title>

<link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/boot
strap.css">

<script
src="../node_modules/jquery/dist/jquery.js"></
script>

<script
src="../node_modules/bootstrap/dist/js/bootstr
ap.bundle.js"></script>


```
</head>
<body class="container-fluid">
  <h1 class="text-center">Online
Tutorial</h1>
  <div class="accordion" id="topics">
    <div class="card">
      <div class="card-header"
id="htmlTopic">
        <button data-
target="#htmlCollapse" data-toggle="collapse"
class="btn btn-danger btn-block">HTML
Tutorial</button>
      </div>
      <div class="collapse show" data-
parent="#topics" id="htmlCollapse">
        <div class="card-body">
          <h2>HTML Tutorial</h2>
          <p>Depending on how you obtained
the Windows software, this is a license
agreement between (i) you and the device
manufacturer or software installer that
```

distributes the software with your device; or (ii) you and Microsoft Corporation (or, based on where you live or, if a business, where your principal place of business is located, one of its affiliates) if you acquired the software from a retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your volume license agreement rather than this agreement.</p>

</div>

</div>

</div>

<div class="card">

<div class="card-header">

<button data-target="#jsCollapse" data-toggle="collapse" class="btn btn-danger btn-block">JavaScript Examples</button>

</div>

```
<div class="collapse" data-  
parent="#topics" id="jsCollapse">
```

```
<div class="card-body">
```

```
<h2>JavaScript Examples</h2>
```

```
<p>Depending on how you  
obtained the Windows software, this is a license  
agreement between (i) you and the device  
manufacturer or software installer that  
distributes the software with your device; or (ii)  
you and Microsoft Corporation (or, based on  
where you live or, if a business, where your  
principal place of business is located, one of its  
affiliates) if you acquired the software from a  
retailer. Microsoft is the device manufacturer  
for devices produced by Microsoft or one of its  
affiliates, and Microsoft is the retailer if you  
acquired the software directly from Microsoft.  
Note that if you are a volume license customer,  
use of this software is subject to your volume  
license agreement rather than this  
agreement.</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="card">
```

```
<div class="card-header">
```

```
<button data-target="#jqCollapse" data-toggle="collapse" class="btn btn-danger btn-block">jQuery Tutorial</button>
```

```
</div>
```

```
<div class="collapse" data-parent="#topics" id="jqCollapse">
```

```
<div class="card-body">
```

```
<h2>jQuery Tutorial</h2>
```

```
<p>Depending on how you obtained the Windows software, this is a license agreement between (i) you and the device manufacturer or software installer that distributes the software with your device; or (ii) you and Microsoft Corporation (or, based on where you live or, if a business, where your principal place of business is located, one of its affiliates) if you acquired the software from a
```

retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your volume license agreement rather than this agreement.</p>

</div>

</div>

</div>

</div>

</body>

</html>

Bootstrap Dropdown

- Bootstrap dropdown is mostly used for navigation and selection.
- They are not suitable for dynamic manipulations like adding items, removing items dynamically.

| Class | Description |
|----------------------|-----------------------------------------------------|
| .dropdown | It is main container with collection of menu items. |
| .dropdown-menu | It defines a menu with items. |
| .dropdown-menu-left | Menu with left orientation |
| .dropdown-menu-right | Menu with right orientation. |
| .dropdown-item | It specifies item in dropdown menu. |
| .dropdown-item-text | It is to define menu item. |
| .dropdown-divider | It is a separator for menu items. |
| .dropdown-toggle | It will add ON and OFF for dropdown. |
| .dropright | Animation for list items. |
| .dropleft | Left drop animation. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Dropdown</title>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bo
otstrap.css">
```

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

```
    <script
src="../node_modules/jquery/dist/jquery.js">
</script>
```

```
    <script
src="../node_modules/bootstrap/dist/js/boot
strap.bundle.js"></script>
```

```
  </head>
```

```
  <body class="container-fluid">
```

```
    <h2>Amazon Shopping</h2>
```

```
    <div class="btn-toolbar bg-danger">
```

```
      <div class="btn-group">
```

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

```
          <span class="fa fa-home"></span>
```

```
          Home
```

```
</button>
<div class="dropdown">
  <button data-toggle="dropdown"
class="btn btn-danger dropdown-toggle">
    Choose a Category
  </button>
  <div class="dropdown-menu">
    <a
href="../Pages/electronics.html"
target="frameBody" class="dropdown-item">
      <span class="fa fa-tv"></span>
      Electronics
    </a>
    <a href="../Pages/fashion.html"
target="frameBody" class="dropdown-item">
      <span class="fa fa-
tshirt"></span> Fashion
    </a>
    <a href="../Pages/footwear.html"
target="frameBody" class="dropdown-item">
      <span class="fa fa-shoe-
prints"></span> Footwear
    </a>
```



```
        <div class="dropdown-  
divider"></div>  
        <a href="#" class="dropdown-  
item">more..</a>  
    </div>  
</div>  
</div>  
</div>  
<section>  
    <iframe style="border:none"  
height="400" name="frameBody"  
width="100%"></iframe>  
</section>  
</body>  
</html>
```

Ex: Dropright

```
<!DOCTYPE html>
```

```
<html>
```

```
    <head>
```

```
        <title>Dropdown</title>
```

```
<link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bootst
rap.css">
```

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

```
<script
src="../node_modules/jquery/dist/jquery.js"></sc
ript>
```

```
<script
src="../node_modules/bootstrap/dist/js/bootstra
p.bundle.js"></script>
```

```
<style>
```

```
.btn-toolbar {
    width: 200px;
}
```

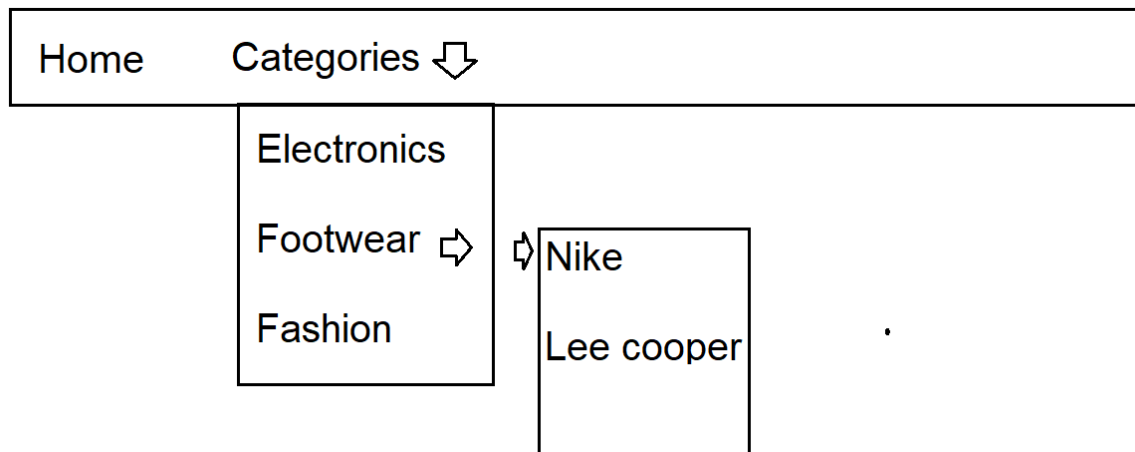
```
.btn-group {
    width: 200px;
}
```

```
</style>
```

```
</head>
```

```
<body class="container-fluid">
  <div class="btn-toolbar bg-danger">
    <div class="btn-group btn-group-vertical">
      <div class="dropright">
        <button type="button" data-
toggle="dropdown" class="btn btn-danger btn-
block dropdown-toggle">
          Electronics
        </button>
        <ul class="dropdown-menu dropdown-
menu-right bg-danger text-light">
          <li><a href="#" class="dropdown-
item">TV</a></li>
          <li><a href="#" class="dropdown-
item">Mobile</a></li>
          <li><a href="#" class="dropdown-
item">Earbuds</a></li>
        </ul>
      </div>
    </div>
  </div>
```

```
</div>
</body>
</html>
```



Bootstrap Navigation

- Basic Navigation for page is designed by using “nav” classes.
- The items used for navigation are defined as `` or ``.
- The static navigation options can be defined by using following classes.

| Class | Description |
|-------|--------------------------------|
| .nav | It configures a navigation bar |

| | |
|------------|-----------------------------------------------|
| .nav-item | It defines style for link in navigation item. |
| .nav-tabs | It defines a tab style for navigation. |
| .nav-pills | It defines a button style for navigation. |
| .nav-link | It is used for links in nav bar. |

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">
```

```
<script  
src="../../node_modules/jquery/dist/jquery.js"></sc  
ript>
```

```
<script  
src="../../node_modules/bootstrap/dist/js/bootstra  
p.bundle.js"></script>
```

```
</head>
```

```
<body class="container-fluid">
```

```
<h2>Amazon Shopping</h2>
```

```
<ul class="nav">
```

```
<li class="nav-item"><a href="#"  
class="nav-link"> <span class="fa fa-  
home"></span> Home</a></li>
```

```
<li class="nav-item"><a href="#"  
class="nav-link"> <span class="fa fa-tv"></span>  
Electronics</a></li>
```

```
<li class="nav-item"><a href="#"  
class="nav-link"> <span class="fa fa-  
tshirt"></span> Fashion</a></li>
```

```
</ul>
```

```
</body>
```

</html>

Amazon Shopping

 Home

 Electronics

 Fashion

Ex: Tab Style

<ul class="nav nav-tabs">

 Home

 Electronics

 Fashion

Ex: Pill style

<ul class="nav nav-pills">

Bootstrap Tab Content

- Bootstrap provides Tab panels that can allows dynamically changing view.
- Classes required to create panels

| Class | Description |
|--------------|----------------------------------|
| .tab-content | It is a container of tab panels. |

| | |
|-----------|-------------------------------|
| .tab-pane | It is used to define a panel. |
|-----------|-------------------------------|

Syntax:

```
<div class="tab-content" id="tab">
  <div class="tab-pane show fade" id="home">
    </div>
    <div class="tab-pane fade" id="about">
      </div>
    </div>
```

Ex:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Dropdown</title>
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/boot
strap.css">
    <link rel="stylesheet"
href="../Fonts/css/all.css">
```



```
<script  
src="../../node_modules/jquery/dist/jquery.js"></  
script>
```

```
<script  
src="../../node_modules/bootstrap/dist/js/bootstr  
ap.bundle.js"></script>
```

```
</head>
```

```
<body class="container-fluid">
```

```
<h2>Amazon Shopping</h2>
```

```
<ul class="nav nav-tabs">
```

```
<li class="nav-item active">
```

```
<a href="#details" data-toggle="tab"  
class="nav-link">
```

```
<span class="fa fa-info-circle"></span>
```

Basic Details

```
</a>
```

```
</li>
```

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

```
<a href="#preview" data-toggle="tab"  
class="nav-link">
```

```
<span class="fa fa-eye"></span>
```

Preview

```
</a>
```

```
</li>
```

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

```
<a href="#specifications" data-  
toggle="tab" class="nav-link">
```

```
<span class="fa fa-comment"></span>
```

Specifications

```
</a>
```

```
</li>
```

```
</ul>
```

```
<div class="tab-content" id="topics">
```

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

```
<h2>Nike Casuals</h2>
```

```
<p>₹ 5600.66</p>
```

```
</div>
```

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

```
        
    </div>
    <div class="tab-pane fade"
id="specifications">
        <h2>Description</h2>
        <p>something about nike casuals.</p>
    </div>
</div>
</body>
</html>
```

Bootstrap List Group

- It is used to display ordered and unordered list.
- The classes are
 - .list-group
 - .list-group-item (view)
 - .list-group-flush
 - .list-group-horizontal
 - .list-group-horizontal-sm,lg
 - .list-unstyled

- .list-group-item-action (onclick)
- .list-group-item-danger, info, warning etc.

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Dropdown</title>
```

```
    <link rel="stylesheet"
href=" ../node_modules/bootstrap/dist/css/bootst
rap.css">
```

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

```
    <script
src=" ../node_modules/jquery/dist/jquery.js"></sc
ript>
```

```
    <script
src=" ../node_modules/bootstrap/dist/js/bootstra
p.bundle.js"></script>
```

```
    <style>
```

```
      .container-fluid {
```

```
        margin-top: 30px;
    }
</style>
</head>
<body class="container-fluid">
    <div class="row">
        <div class="col-4">
            <div class="list-group" id="list-tab"
role="tablist">
                <a class="list-group-item list-group-
item-danger list-group-item-action" role="tab"
data-toggle="list" href="#list-html">
                    HTML Tutorial
                </a>
                <a class="list-group-item list-group-
item-info list-group-item-action" role="tab" data-
toggle="list" href="#list-css">
                    CSS Examples
                </a>
```

```
<a class="list-group-item list-group-item-warning list-group-item-action" role="tab" data-toggle="list" href="#list-js">
```

JavaScript Tutorial

```
</a>
```

```
</div>
```

```
</div>
```

```
<div class="col-8">
```

```
<div class="tab-content" id="content-details">
```

```
<div class="tab-pane fade show active" id="list-html" role="tabpanel">
```

```
<h2>HTML Tutorial</h2>
```

```
<p>Depending on how you obtained the Windows software, this is a license agreement between (i) you and the device manufacturer or software installer that distributes the software with your device; or (ii) you and Microsoft Corporation (or, based on where you live or, if a business, where your principal place of business is located, one of its affiliates) if you acquired the
```

software from a retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your volume license agreement rather than this agreement.</p>

</div>

<div class="tab-pane fade" id="list-css" role="tabpanel">

<h2>CSS Examples</h2>

<p>Depending on how you obtained the Windows software, this is a license agreement between (i) you and the device manufacturer or software installer that distributes the software with your device; or (ii) you and Microsoft Corporation (or, based on where you live or, if a business, where your principal place of business is located, one of its affiliates) if you acquired the software from a retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer

if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your volume license agreement rather than this agreement.</p>

</div>

<div class="tab-pane fade" id="list-js" role="tabpanel">

<h2>JavaScript Tutorial</h2>

<p>Depending on how you obtained the Windows software, this is a license agreement between (i) you and the device manufacturer or software installer that distributes the software with your device; or (ii) you and Microsoft Corporation (or, based on where you live or, if a business, where your principal place of business is located, one of its affiliates) if you acquired the software from a retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your

volume license agreement rather than this agreement.</p>

</div>

</div>

</div>

</div>

</body>

</html>

Dynamic Nav Bar

- Bootstrap provides “navbar” for designing main navigation for website.
- It is responsive navigation bar, which can change according to the device and screen.
- It uses a combination with “collapse”

| Class | Description |
|----------------------|-------------------------------------------------|
| .navbar | It is a container for navigation |
| .navbar-expand-lg,sm | It is used to define responsive navigation bar. |

| | |
|----------------------|-----------------------------------------------------------------|
| .navbar-toggler | It is used to define a toggle button to show or hide the items. |
| .navbar-toggler-icon | Icon for toggler button |
| .navbar.nav | To design the navigation items. |
| .navbar-dark | Dark theme |
| .navbar-light | Light theme |
| .navbar-brand | It sets a title for navigation bar. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bootstrap.css">
```

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

```
<script
src="../node_modules/jquery/dist/jquery.js"></sc
ript>
```

```
<script
src="../node_modules/bootstrap/dist/js/bootstra
p.bundle.js"></script>
```

```
</head>
```

```
<body class="container-fluid">
```

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

```
<button data-target="#navitems" data-
toggle="collapse" type="button" class="navbar-
toggler">
```

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

```
</button>
```

```
<a href="#" class="navbar-brand">
```

```
Amazon Shopping
```

```
</a>
```

```
<div id="navitems" class="collapse navbar-collapse">
    <ul class="navbar-nav">
        <li class="nav-item"><a class="nav-link"
href="#"> <span class="fa fa-home"></span>
Home</a></li>
        <li class="nav-item"><a class="nav-link"
href="#"> <span class="fa fa-tv"></span>
Electronics</a></li>
        <li class="nav-item"><a class="nav-link"
href="#"> <span class="fa fa-shoe-
prints"></span>Footwear</a></li>
    </ul>
</div>

</nav>
</body>
</html>
```

Bootstrap Modal

- Model is used to display a dialog box.
- You can open and close the dialog dynamically.

| Class | Description |
|--------------------------|-----------------------------------------------------------------------------------------|
| .modal | It is a container for dialog. All dialogs are kept inside modal. |
| .modal-dialog | It configures a dialog box in modal. |
| .modal-content | It defines the content to display in dialog. Content comprises of header, body, footer. |
| .modal-header | Header content. |
| .modal-body | Body content. |
| .modal-footer | Footer content. |
| .modal-title | Title text. |
| .modal-dialog-scrollable | It will set overflow to scroll. |

| | |
|------------------------|------------------------------------|
| .modal-dialog-centered | It keeps the dialog center screen. |
|------------------------|------------------------------------|

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bootst
rap.css">
```

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

```
    <script
src="../node_modules/jquery/dist/jquery.js"></sc
ript>
```

```
    <script
src="../node_modules/bootstrap/dist/js/bootstra
p.bundle.js"></script>
```

```
  </head>
```

```
  <body class="container-fluid">
```

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

```
<button data-target="#navitems" data-toggle="collapse" type="button" class="navbar-toggler">
```

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

```
</button>
```

```
<a href="#" class="navbar-brand">
```

```
Amazon Shopping
```

```
</a>
```

```
<div id="navitems" class="collapse navbar-collapse">
```

```
<ul class="navbar-nav">
```

```
<li class="nav-item"><a class="nav-link" href="#"> <span class="fa fa-home"></span> Home</a></li>
```

```
<li class="nav-item"><a class="nav-link" href="#"> <span class="fa fa-tv"></span> Electronics</a></li>
```

```
    <li class="nav-item"><a class="nav-link"
href="#"> <span class="fa fa-shoe-
prints"></span>Footwear</a></li>
```

```
    <li class="nav-item"> <a class="nav-link"
href="#loginModal" data-toggle="modal"> <span
class="fa fa-user"></span> Login </a> </li>
```

```
    <li class="nav-item"> <a class="nav-link"
href="#subscribe" data-toggle="modal"> <span
class="fa fa-registered"></span> Subscribe</a>
</li>
```

```
</ul>
```

```
</div>
```

```
</nav>
```

```
<div class="modal fade" id="loginModal">
```

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

```
    <div class="modal-content">
```

```
      <div class="modal-header">
```

```
        <h3>User Login</h3>
```



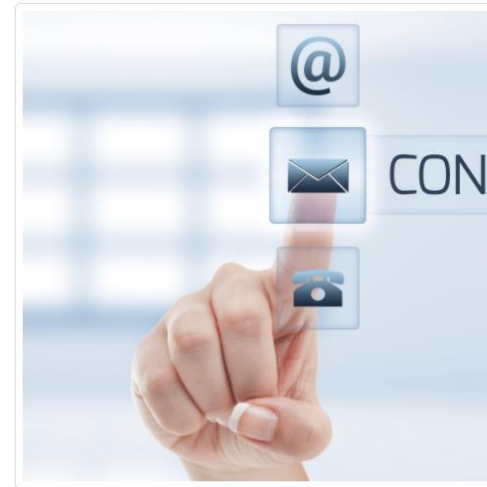
```
        <button data-dismiss="modal"
class="close">x</button>
    </div>
    <div class="modal-body">
        <div class="form-group">
            <label>User Name</label>
            <div>
                <input type="text" class="form-
control">
            </div>
        </div>
        <div class="form-group">
            <label>Password</label>
            <div>
                <input type="password"
class="form-control">
            </div>
        </div>
    </div>
```

```
<div class="modal-footer">
  <button class="btn btn-
primary">Login</button>
  <button data-dismiss="modal"
class="btn btn-danger">Cancel</button>
</div>
</div>
</div>
</div>
<div id="subscribe" class="modal fade bg-
dark">
  <div class="modal-dialog modal-dialog-
centered">
    <div class="modal-content">
      <div class="modal-header">
        <h3>Subscribe</h3>
        <button data-dismiss="modal"
class="close">x</button>
      </div>
      <div class="modal-body">
```

```
<div class="form-inline">  
    <input type="email"  
placeholder="Subscribe: Your Email" class="form-  
control">  
  
    <div class="btn-group">  
        <button class="btn btn-  
success">Subscribe</button>  
  
        <button data-target="#subscribe"  
data-toggle="modal" class="btn btn-  
danger">Cancel</button>  
  
    </div>  
  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
</body>  
</html>
```

Contact Details

- **Name:** Naresh Technologies
- **Email ID:** info@nareshit.com
- **Contact Number:** +91-xxxxxxxxxx
- **Address:** Hyderabad, India



Singin – register, login, change password

Responsive Navigation.

Bootstrap Forms

- Bootstrap provides a set of classes for presenting forms and controls.
- The classes used for displaying form elements like `<input>`, `<select>`, `<textarea>` etc. are
 - `.form-control`
 - `.form-control-lg`
 - `.form-control-sm`
 - `.form-control-file` [file input]
 - `.form-control-range` [range input]

- The class used to group controls is
 - .form-group
- The classes used for radios and checkbox
 - .form-check
 - .form-check-input
 - .form-check-label
 - .form-check-inline

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bootst
rap.css">
```

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

```
  <style>
```

```
    form {
      width: 300px;
      padding: 20px;
      margin:auto;
```

```
        border: 2px solid darkcyan;
        box-shadow: 2px 2px 3px darkcyan;
        background-color: lightyellow;
        margin-top: 50px;
        opacity: 0.8;
    }

    body {
        background-image:
url("../Images/shoe.jpg");
        background-repeat: no-repeat;
        background-position: center center;
        background-attachment: fixed;
    }

    label {
        font-weight: bold;
    }

</style>
</head>
<body class="container-fluid">
```

```
<form>
  <h2>Register User</h2>
  <div class="form-group">
    <label>User Name</label>
    <div>
      <input type="text" class="form-
control">
    </div>
  </div>
  <div class="form-group">
    <label>Password</label>
    <div>
      <input type="password" class="form-
control">
    </div>
  </div>
  <div class="form-group">
    <label>Your City</label>
    <div>
```

```
        <select class="form-control">
            <option>Delhi</option>
            <option>Hyd</option>
        </select>
    </div>
</div>
<div class="form-group">
    <label>Upload Photo</label>
    <div>
        <input type="file" class="form-control-
file">
    </div>
</div>
<div class="form-group">
    <label>Price Range</label>
    <div>
        <input type="range" class="form-
control-range" >
    </div>
```


</div>

<div class="form-group">

<div>

<label>Choose Gender</label>

</div>

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

<div>

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

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

</div>

</div>

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

<div>

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

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

```
    </div>
```

```
</div>
```

```
</div>
```

```
<div class="form-group">
```

```
    <div>
```

```
        <label>Select Hobbies</label>
```

```
    </div>
```

```
    <div class="form-check form-check-  
inline">
```

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

```
        <label class="form-check-  
label">Movies</label>
```

```
    </div>
```

```
    <div class="form-check form-check-  
inline">
```

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

```
        <label class="form-check-  
label">Music</label>  
    </div>  
</div>  
<div class="form-group">  
    <button class="btn btn-primary btn-  
block">Register</button>  
</div>  
</form>  
</body>  
</html>
```

Inline Forms

- You can organize and display the form elements inline.
- It configures horizontal orientation for form elements.
- The classes are
 - .form-row
 - .col [general column classes 1 to 12]

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bootst
rap.css">
```

```
    <style>
```

```
      form {
```

```
        height: 100px;
```

```
        border: 2px solid darkcyan;
```

```
        margin:auto;
```

```
        margin-top: 50px;
```

```
        box-shadow: 2px 3px 4px darkcyan;
```

```
        padding: 20px;
```

```
        border-radius: 10px;
```

```
      }
```

```
    </style>
```

```
  </head>
```

```
<body class="container-fluid">
  <form>
    <div class="form-row">
      <div class="col">
        <input type="text" placeholder="User
Name" class="form-control">
      </div>
      <div class="col">
        <input type="password"
placeholder="Password" class="form-control">
      </div>
      <div class="col">
        <button class="btn btn-primary btn-
block">Login</button>
      </div>
    </div>
  </form>
</body>
</html>
```

Bootstrap Input Group

- Input group is used to group a set of controls and display as one element.
- Controls can be merged into one component.

| Class | Description |
|----------------------|----------------------------------------------------------------------|
| .input-group | It is container with group of controls |
| .input-group-prepend | It is used to define a control hand side. |
| .input-group-append | It is used to define a control right hand side. |
| .input-group-text | It is special appearance for controls defined in prepend and append. |

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
<link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/bootst
rap.css">
```

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

```
</head>
```

```
<body class="container-fluid">
```

```
<h2>Input group append</h2>
```

```
<div class="input-group">
```

```
<input placeholder="Email Id" type="email"
class="form-control">
```

```
<div class="input-group-append">
```

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

```
</div>
```

```
</div>
```

```
<h2>Input group prepend</h2>
```

```
<div class="input-group">
```

```
<div class="input-group-prepend">
```

```
        <span class="input-group-text"> ₹;
    </span>
```

```
    </div>
```

```
        <input type="text" class="form-control"
placeholder="Enter Price">
```

```
    </div>
```

```
<h2>Prepend and Append</h2>
```

```
<div class="input-group">
```

```
    <div class="input-group-prepend">
```

```
        <span class="input-group-text">
₹;</span>
```

```
    </div>
```

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

```
    <div class="input-group-append">
```

```
        <span class="input-group-
text">.00</span>
```

```
    </div>
```

```
</div>
```

```
<h2>Amazon</h2>
```



```
<div class="input-group">
  <div class="input-group-prepend">
    <select class="input-group-text">
      <option>All</option>
      <option>Footwear</option>
      <option>Fashion</option>
    </select>
  </div>
  <input type="text" class="form-control">
  <div class="input-group-append">
    <button class="btn btn-outline-
warning">
      <span class="fa fa-search"></span>
    </button>
  </div>
</div>

<h2>Multiple Prepend</h2>
<div class="input-group">
  <div class="input-group-prepend">
```

```
<span class="input-group-text">
```

```
    First Name
```

```
</span>
```

```
<span class="input-group-text">
```

```
    Last Name
```

```
</span>
```

```
</div>
```

```
    <input type="text" class="form-control"
placeholder="First Name - LastName">
```

```
</div>
```

```
<h2>Custom</h2>
```

```
<div class="input-group">
```

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

```
    <div class="input-group-append input-
group-prepend">
```

```
        <span class="input-group-
text">@</span>
```

```
</div>
```

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

```
</div>
</body>
</html>
```

Bootstrap Pagination

- It is predefined style for pagination.
- It defines page navigation items.
- Classes required for navigation design

| Class | Description |
|--------------------|---------------------------------------------------------------------|
| .pagination | It is a container for page navigation items. |
| .pagination-sm, lg | It is size for pagination. |
| .page-item | It is an item in page navigation, like previous, next, first, last. |
| .page-link | It defines the link for navigation. |

Ex:

```
<!DOCTYPE html>
<html>
  <head>
```

```
<link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/boot
strap.css">
```

```
<script
src="../node_modules/jquery/dist/jquery.js"></
script>
```

```
<script
src="../node_modules/bootstrap/dist/js/bootstr
ap.bundle.js"></script>
```

```
</head>
```

```
<body class="container-fluid">
```

```
<h2>Pagination</h2>
```

```
<ul class="pagination pagination-lg">
```

```
<li class="page-item"><a class="page-
link">&laquo;</a></li>
```

```
<li class="page-item"><a class="page-
link">1</a></li>
```

```
<li class="page-item"><a class="page-
link">2</a></li>
```

```
<li class="page-item"><a class="page-
link">3</a></li>
```

```
<li class="page-item"><a class="page-link">&raquo;</a></li>
</ul>
</body>
</html>
```

Bootstrap Spinners

- Spinner is used to display status of any task performed in page.
- It shows status like loading, download, processing etc.
- The classes required for spinner
 - .spinner-border
 - .spinner-border-sm
 - .spinner-grow
 - .spinner-grow-sm
- You can set colors using “text-contextual”

Ex:

```
<!DOCTYPE html>
<html>
  <head>
```

```
<link rel="stylesheet"
href="../node_modules/bootstrap/dist/css/boot
strap.css">
```

```
<script
src="../node_modules/jquery/dist/jquery.js"></
script>
```

```
<script
src="../node_modules/bootstrap/dist/js/bootstr
ap.bundle.js"></script>
```

```
</head>
```

```
<body class="container-fluid">
```

```
<h2>Spinner</h2>
```

```
<dl>
```

```
<dt>Border Style</dt>
```

```
<dd>
```

```
<span class="spinner-border"></span>
```

```
<span class="spinner-border text-
danger"></span>
```

```
<button class="btn btn-outline-
danger">
```

```
        <span class="spinner-border spinner-  
border-sm"></span>
```

```
        Loading..
```

```
    </button>
```

```
</dd>
```

```
<dt>Grow Style</dt>
```

```
<dd>
```

```
    <span class="spinner-grow"></span>
```

```
    <span class="spinner-grow text-  
danger"></span>
```

```
    <button class="btn btn-outline-  
danger">
```

```
        <span class="spinner-grow spinner-  
grow-sm"></span>
```

```
        Loading..
```

```
    </button>
```

```
</dd>
```

```
</dl>
```

```
</body>
```

```
</html>
```

