

Bootstrap

Bootstrap Components



➤ Working with Bootstrap components



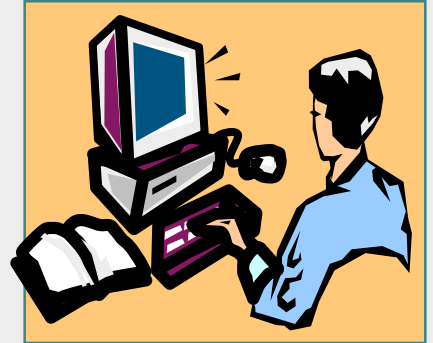


- Page header is used to add appropriate spacing around the headings on a page. It represents the heading part of the page.
- It is used to orient the users about, what page they are visiting by specifying an heading and information below the heading regarding that page.
- It provides an horizontal ruler which gives a clear separation from the content of the page.

```
<div class="page-header">  
  <h1>Page header demo</h1>  
  <p>This page demonstrates the usage of page header component</p>  
</div>
```



➤ Pageheader



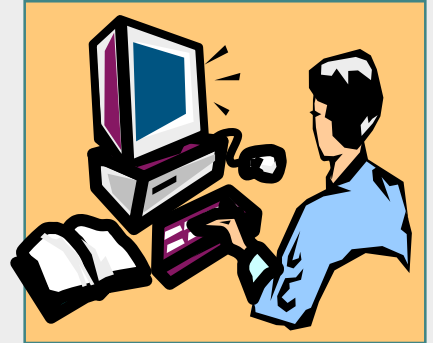


- Breadcrumbs are used to show the hierarchy-based information of a site
- It indicates the current page's location with navigational hierarchy.
- Like page header component, bread crumb component also orient the users which page they are visiting.
- A breadcrumb in Bootstrap is simply an unordered list with a class of *.breadcrumb*, in which the current page link is added with the class *.breadcrumb-item active*

```
<ol class="breadcrumb">
  <li class="breadcrumb-item"><a href="india.html">India</a></li>
  <li class="breadcrumb-item"><a href="karnataka.html">Karnataka</a></li>
  <li class="breadcrumb-item active">Bangalore</li>
</ol>
```



➤ Breadcrumb



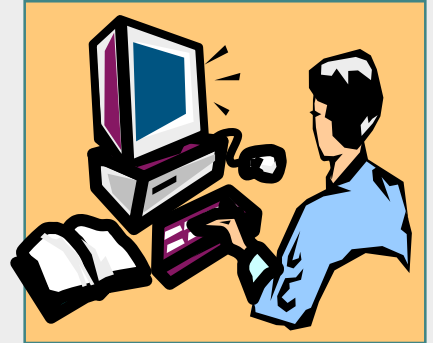


- Button group allows us to work with an inline set of buttons.
- To create a basic button group we need to wrap a series of buttons with class *.btn* in *.btn-group*
- We can apply *.btn-group-lg*, *.btn-group-md*, *.btn-group-sm*, *.btn-group-xs* classes to button group to resize the buttons placed inside it.
- *.btn-group-vertical* make a set of buttons appear vertically stacked rather than horizontally.
- We can even use button groups as checkboxes / radio buttons in a form

```
<div class="btn-group">  
  <button type="button" class="btn btn-primary">Button1</button>  
  <button type="button" class="btn btn-primary">Button1</button>  
  <button type="button" class="btn btn-primary">Button1</button>  
</div>
```



➤ Buttongroup



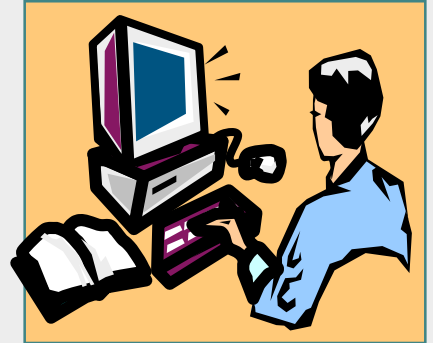


- Dropdown menus are toggleable, contextual menus for displaying links in a list format.
- It can be used on a variety of different elements, navs, buttons and more.
- To create split button dropdown use `.dropdown-toggle-split` for proper spacing around the dropdown caret.

```
<div class="dropdown">  
  <button type="button" class="btn btn-primary dropdown-toggle" data-  
toggle="dropdown">Dropdown button</button>  
    <div class="dropdown-menu">  
      <a class="dropdown-item" href="#">One</a>  
        <a class="dropdown-item" href="#">Two</a>  
          <a class="dropdown-item" href="#">Three</a>  
      <div class="dropdown-divider"></div>  
      <a class="dropdown-item disabled" href="#">Four</a>  
    </div>
```



➤ Dropdown





- A simple horizontal menu can be created by adding `.nav` class to a `` element, followed by `.nav-item` for each `` and the `.nav-link` class can be added to their respective links.
- To align *nav* at center or right add class `.justify-content-center` or `.justify-content-end`.
- Use `.flex-column` class to create a vertical nav.
- To use nav as navigation tabs use `.nav-tab` class, add `.active` class to specify current/active link. Add `.dropdown` class to create nav-tab with dropdown.

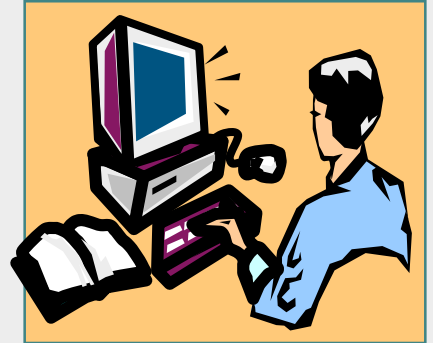
```
<ul class="nav nav-tabs">
  <li class="nav-item">
    <a class="nav-link active" href="#">Active Link</a>
  </li>
  <li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" data-toggle="dropdown" href="#">Dropdown Link</a>
    <div class="dropdown-menu">
      <a class="dropdown-item" href="#">One</a>
      <a class="dropdown-item" href="#">Two</a>
    </div>
  </li>
</ul>
```



- A navigation bar is a navigation header that is placed at the top of the page. In Bootstrap, a navigation bar can extend or collapse, depending on the screen size.
- Basic navbar can be created by adding the *.navbar* class with responsive collapsing class *.navbar-expand-xl|lg|md|sm*.
- To add links to the navbar, create an unordered list with the *.navbar-nav* class.
- Each individual list item can be defined, by adding *.nav-item* class to `` element and then the *.nav-link* class is used with an `<a>` element for individual links.
- The *.navbar-brand* class used to highlight the brand or logo of the page.
- To create navbar with dropdown menu, add the dropdown code to the `` element with the help of *.dropdown* class



➤ Nav-Navbars



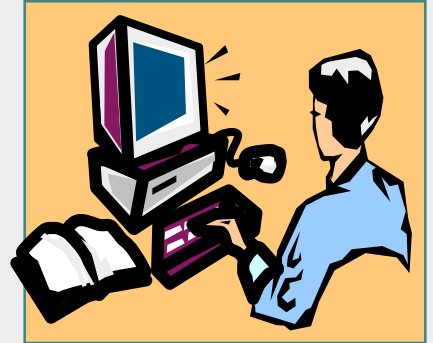


- Input groups are extended Form Controls.
- Using input groups we can easily prepend and append text or buttons to text-based inputs.
- To prepend or append elements to a `.form-group`:
 - Wrap `<input>` element in a `<div>` with class **`.input-group`**
 - Within that same `<div>` , place the extra content inside a `` with class **`.input-group-prepend`** . To wrap the buttons instead of text use the class **`.input-group-btn`**
 - Then place the `` either before or after the `<input>` element.

```
<div class="input-group-prepend">  
  <span class="input-group-text">@</span>  
  <input type="text" class="form-control"  
    name="Name" placeholder="Enter your Email">  
</div>
```



➤ Inputgroup



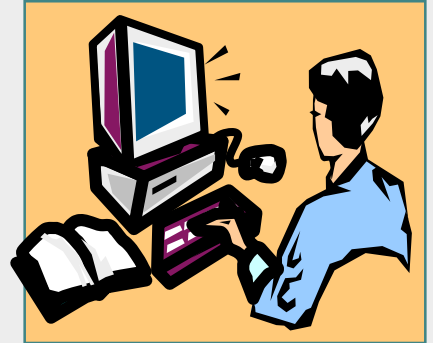


- Bootstrap supports pagination component using the following classes.
- Add **.pagination** class to `` element to get the pagination on page. Then Add the `.page-item` to each `` element and a `.page-link` class to each link inside ``.
- We can use the classes **.disabled** and **.active** to set the states for the `` elements
- We can apply sizing using **.pagination-lg**, **.pagination-sm** and classes .

```
<ul class="pagination">  
  <li class="disabled page-item"><a href="#" class="page-link">Previous</a></li>  
  <li class="active page-item"><a href="#" class="page-link">1</a></li>  
  <li class="page-item"><a href="#" class="page-link">2</a></li>  
</ul>
```




➤ Pagination



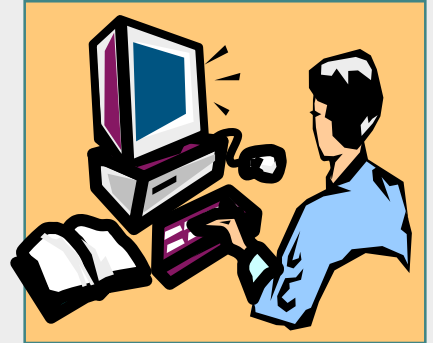


- A card in Bootstrap 4 is a bordered box with some padding around its content.
- It includes options for headers, footers, content, colors, etc.
- To get a basic Card, just add class *.card* to the `<div>` element and add the style class like *.panel-default* along with it.
- To specify heading, body and footer to card use the classes *.card-header*, *.card-body* and *.card-footer* respectively inside `<div>` with the class *.card*
- Use `<h1>` - `<h6>` with a *.card-title* class inside the `<div>` with *.card-header* class to add a pre-styled heading.

```
<div class="card text-white bg-primary">  
  <div class="card-header"><h2 class="card-title">Title</h2></div>  
  <div class="card-body"><p>Card content ...</p></div>  
  <div class="card-footer"><p>Footer</p></div>  
</div>
```



➤ Card



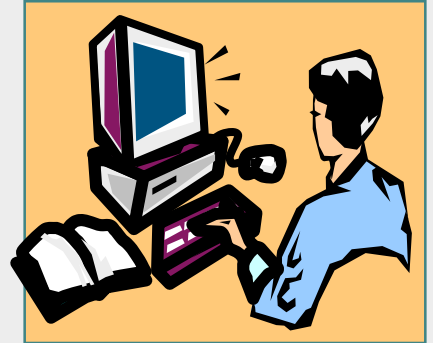


- The `.card` class along with `.card-body` class can be used with container `<div>` that causes the content to appear sunken or an inset effect on the page.(It will give the same effect as that of class `.well`)
- Padding size for the contents with in the card body can be specified using the classes `.mb-{sm,md.lg,xl}`. `.bd` class is for responsive bottom margin.
- We can also apply the class `.lead` to the element which holds the content to provide additional emphasis .

```
<div class="card card-body mb-3">  
  <p class="lead">Well Content.</p>  
</div>
```



➤ WellEffect



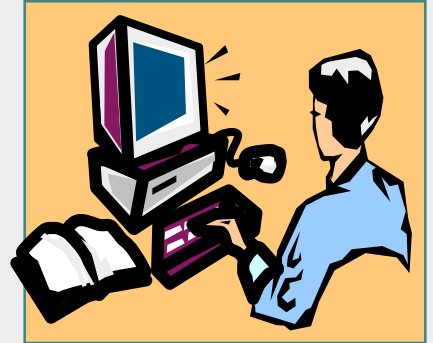


- A Jumbotron indicates a big box for calling extra attention to some special content or information.
- A Jumbotron is displayed as a grey box with rounded corners. It also enlarges the font sizes of the text inside it.
- To use the Jumbotron, simply create a container `<div>` with the class of *.jumbotron*.

```
<div class="jumbotron">
  <div class="container text-center">
    <h1>Heading</h1>
    <p>Content.</p>
    <a href="#" class="btn btn-lg btn-default">FreeTrail</a>
  </div>
</div>
```



➤ Jumbotron





➤ Alerts are used to provide contextual feedback messages for user actions .

➤ Alert can be created by wrapping the contextual messages in a `<div>` and adding a class of `.alert` with one of the four contextual classes

- `.alert-success`
- `.alert-info`
- `.alert-warning`
- `.alert-danger`

```
<div class="well well-lg">  
  <p class="lead">Well Content.</p>  
</div>
```

➤ We can add close icon to alert with `. alert-dismissible` class to the `<div>` tag and adding a close button with `data-dismiss="alert"`



➤ Alerts

