

NAV BARS

- A navigation bar is a navigation header that is placed at the top of the page
- A navigation bar can extend or collapse, depending on the screen size.
- It is supported by Bootstrap 3
- **Syntax:**
 - `<nav class="navbar navbar-default">`



PROPERTIES OF NAVBARS

- Normal Nav Bars (class="navbar navbar-default")
- Inverse Nav Bars (class="navbar navbar-inverse")
- Navbars with Dropdown
- Right-Aligned Navigation bars (class="navbar-nav navbar-right")

NORMAL NAV BARS

```
<nav class="navbar navbar-default">
  <div class="navbar-header">
    <a class="navbar-brand" href="#">WebSiteName</a>
  </div>
  <ul class="nav navbar-nav">
    <li class="active"><a href="#">Home</a></li>
    <li><a href="#">Page 1</a></li>
    <li><a href="#">Page 2</a></li>
    <li><a href="#">Page 3</a></li>
  </ul>
</nav>
```

WebSiteName

Home

Page 1

Page 2

Page 3

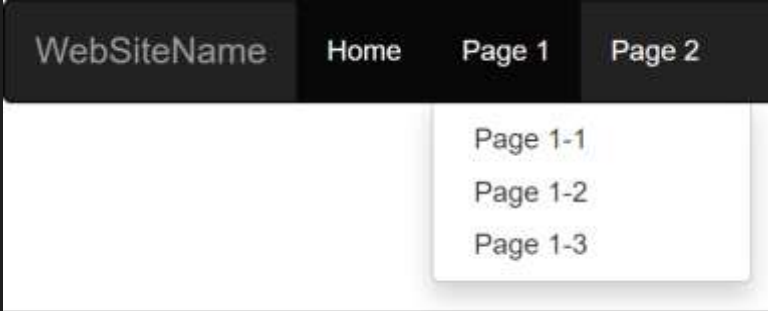
INVERSE NAV BARS

```
<nav class="navbar navbar-inverse">
  <div class="navbar-header">
    <a class="navbar-brand" href="#">WebSiteName</a>
  </div>
  <ul class="nav navbar-nav">
    <li class="active"><a href="#">Home</a></li>
    <li><a href="#">Page 1</a></li>
    <li><a href="#">Page 2</a></li>
    <li><a href="#">Page 3</a></li>
  </ul>
</nav>
```

WebSiteName Home Page 1 Page 2 Page 3

NAVBAR WITH DROPDOWN

```
<nav class="navbar navbar-inverse">
  <div class="navbar-header">
    <a class="navbar-brand" href="#">WebSiteName</a>
  </div>
  <ul class="nav navbar-nav">
    <li class="active"><a href="#">Home</a></li>
    <li class="dropdown"><a class="dropdown-toggle" data-toggle="dropdown" href="#">Page 1</a>
      <ul class="dropdown-menu">
        <li><a href="#">Page 1-1</a></li>
        <li><a href="#">Page 1-2</a></li>
        <li><a href="#">Page 1-3</a></li>
      </ul>
    </li>
    <li><a href="#">Page 2</a></li>
  </ul>
</nav>
```



WebSiteName	Home	Page 1	Page 2
		Page 1-1 Page 1-2 Page 1-3	

RIGHT-ALIGNED NAVIGATION BARS

```
<nav class="navbar navbar-inverse">
  <div class="navbar-header">
    <a class="navbar-brand" href="#">WebSiteName</a>
  </div>
  <ul class="nav navbar-nav">
    <li class="active"><a href="#">Home</a></li>
    <li><a href="#">Page 1</a></li>
    <li><a href="#">Page 2</a></li>
  </ul>
  <ul class="nav navbar-nav navbar-right">
    <li><a href="#">Sign Up</a></li>
    <li><a href="#">Login</a></li>
  </ul>
</nav>
```

WebSiteName

Home

Page 1

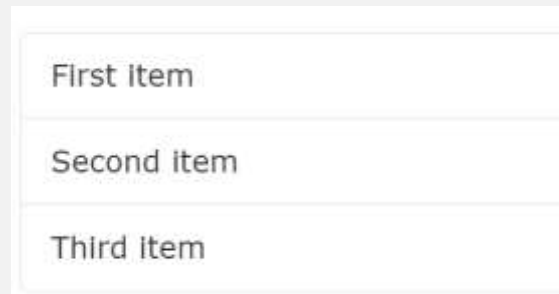
Page 2

Sign Up

Login

LIST GROUPS

- The most basic list group is an unordered list with list items
- It is supported by Bootstrap 3 to Bootstrap 5
- To create a basic list group,
 - `` element with class `.list-group`
 - `` elements with class `.list-group`
 - `` elements with class `.list-group-item`



PROPERTIES OF LIST GROUP

- Normal List group
- List group with Links
- List group with active state
- List group with disabled item

NORMAL LIST GROUP

```
<ul class="list-group">
  <li class="list-group-item">First item</li>
  <li class="list-group-item">Second item</li>
  <li class="list-group-item">Third item</li>
</ul>
<ol class="list-group list-group-numbered">
  <li class="list-group-item">First item</li>
  <li class="list-group-item">Second item</li>
  <li class="list-group-item">Third item</li>
</ol>
```

LIST GROUP WITH LINKS

```
<ul class="list-group">  
  <a href="#" class="list-group-item">First item</a>  
  <a href="#" class="list-group-item">Second item</a>  
  <a href="#" class="list-group-item">Third item</a>  
</ul>
```

List Group With Linked Items

First item

Second item

Third item

LIST GROUP WITH ACTIVE STATE

```
<ul class="list-group">  
  <a href="#" class="list-group-item active">First item</a>  
  <a href="#" class="list-group-item">Second item</a>  
  <a href="#" class="list-group-item">Third item</a>  
</ul>
```

Active Item in a List Group

First item

Second item

Third item

LIST GROUP WITH DISABLED ITEM

```
<ul class="list-group">  
  <a href="#" class="list-group-item disabled">First item</a>  
  <a href="#" class="list-group-item">Second item</a>  
  <a href="#" class="list-group-item">Third item</a>  
</ul>
```

List Group With a Disabled Item

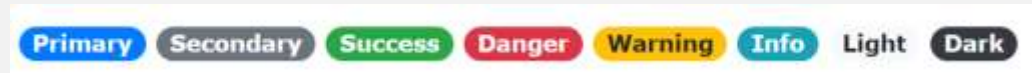
First item

Second item

Third item

BADGES

- Badges are used to add additional information to any content.
- Use the .badge class together with a contextual class (like .badge-secondary) within elements to create rectangular badges.
- Note that badges scale to match the size of the parent element (if any)



PROPERTIES OF BADGES

- Normal Badges
- Contextual Badges (.badge-*)
- Pill Badges (.badge-pill)
- Badges inside an element

NORMAL BADGES

```
<h1>Example heading <span class="badge badge-secondary">New</span></h1>  
<h2>Example heading <span class="badge badge-secondary">New</span></h2>  
<h3>Example heading <span class="badge badge-secondary">New</span></h3>  
<h4>Example heading <span class="badge badge-secondary">New</span></h4>  
<h5>Example heading <span class="badge badge-secondary">New</span></h5>  
<h6>Example heading <span class="badge badge-secondary">New</span></h6>
```

CONTEXTUAL BADGES (.BADGE-*)

```
<span class="badge badge-primary">Primary</span>  
<span class="badge badge-secondary">Secondary</span>  
<span class="badge badge-success">Success</span>  
<span class="badge badge-danger">Danger</span>  
<span class="badge badge-warning">Warning</span>  
<span class="badge badge-info">Info</span>  
<span class="badge badge-light">Light</span>  
<span class="badge badge-dark">Dark</span>
```

Primary Secondary Success Danger Warning Info Light Dark

PILL BADGES (.BADGE-PILL)

```
<span class="badge badge-pill badge-primary">Primary</span>  
<span class="badge badge-pill badge-secondary">Secondary</span>  
<span class="badge badge-pill badge-success">Success</span>  
<span class="badge badge-pill badge-danger">Danger</span>  
<span class="badge badge-pill badge-warning">Warning</span>  
<span class="badge badge-pill badge-info">Info</span>  
<span class="badge badge-pill badge-light">Light</span>  
<span class="badge badge-pill badge-dark">Dark</span>
```



Primary Secondary Success Danger Warning Info Light Dark

BADGES INSIDE AN ELEMENT

```
<button type="button" class="btn btn-primary">  
  Messages <span class="badge badge-light">4</span>  
</button>  
<button type="button" class="btn btn-danger">  
  Notifications <span class="badge badge-light">7</span>  
</button>
```

Messages 4

Notifications 7

FORMS AND INPUTS

- Bootstrap supports the following form controls:
 - input
 - textarea
 - Checkbox – (Normal, Inline)
 - Radio – (Normal, Inline)
 - Select – (Single select, Multiple Select)
 - Input Groups

INPUT

```
<h2>Form control: input</h2>
<p>The form below contains two input elements; one of type text and one of type password:</p>
<form>
  <label for="usr">Name:</label>
  <input type="text" class="form-control" id="usr">
  <label for="pwd">Password:</label>
  <input type="password" class="form-control" id="pwd">
</form>
```

Form control: input

The form below contains two input elements; one of type text and one of type password:

Name:

Password:

TEXT AREA

```
<h2>Form control: textarea</h2>
<p>The form below contains a textarea for comments:</p>
<form>
  <label for="comment">Comment:</label>
  <textarea class="form-control" rows="10" id="comment"></textarea>
</form>
```

Form control: textarea

The form below contains a textarea for comments:

Comment:

CHECK BOX

```
<h2>Form control: checkbox</h2>
<p>The form below contains three checkboxes. The last option is disabled:</p>
<form>
  <div class="checkbox">
    <label><input type="checkbox" value="1">Option 1</label>
  </div>
  <div class="checkbox">
    <label><input type="checkbox" value="2">Option 2</label>
  </div>
  <div class="checkbox disabled">
    <label><input type="checkbox" value="3" disabled>Option 3</label>
  </div>
</form>
```

Form control: checkbox

The form below contains three checkboxes. The last option is disabled:

- ☐ Option 1
- ☐ Option 2
- ☐ Option 3

RADIO

```
<h2>Form control: radio buttons</h2>
<p>The form below contains three radio buttons. The last option is disabled:</p>
<form>
  <div class="radio">
    <label><input type="radio" name="optradio" checked>Option 1</label>
  </div>
  <div class="radio">
    <label><input type="radio" name="optradio">Option 2</label>
  </div>
  <div class="radio disabled">
    <label><input type="radio" name="optradio" disabled>Option 3</label>
  </div>
</form>
```

Form control: radio buttons

The form below contains three radio buttons. The last option is disabled:

- ☒ Option 1
- ☐ Option 2
- ☐ Option 3

SELECT

```
<h2>Form control: select</h2>
<p>The form below contains two dropdown menus (select lists):</p>
  <label for="sel1">Select list (select one):</label>
  <select class="form-control" id="sel1">
    <option>1</option>
    <option>2</option>
    <option>3</option>
    <option>4</option>
  </select>
  <br>
  <label for="sel2">Mutiple select list (hold shift to select more than one):</label>
  <select multiple class="form-control" id="sel2">
    <option>1</option>
    <option>2</option>
    <option>3</option>
    <option>4</option>
    <option>5</option>
  </select>
</form>
```

Form control: select

The form below contains two dropdown menus (select lists):

Select list (select one):

1

Mutiple select list (hold shift to select more than one):

1
2
3
4
5

INPUT GROUPS

```
<form>
  <div class="input-group">
    <input id="email" type="email" class="form-control" name="email" placeholder="Email">
  </div>
  <div class="input-group">
    <input id="password" type="password" class="form-control" name="password" placeholder="Password">
  </div>
  <br>
</form>
```