Boot strap

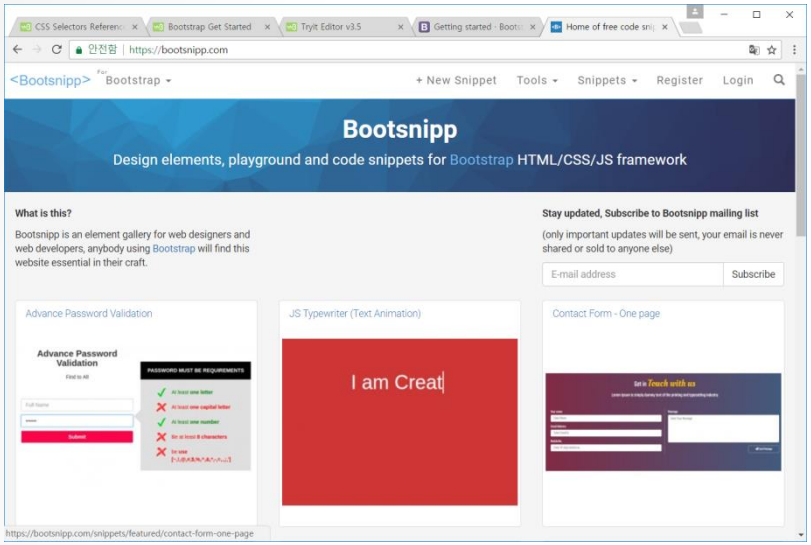
Intro

What is Bootstrap?

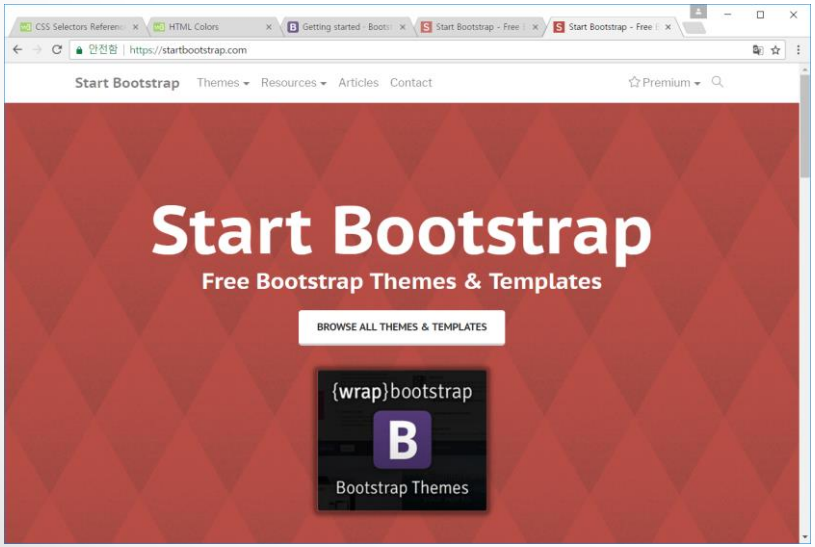
Advantages of Bootstrap:

- *Easy to use* : Anybody with just basic knowledge of HTML and CSS can start using Bootstrap
- *Responsive features* : Bootstrap's responsive CSS adjusts to phones, tablets, and desktops
- *Mobile-first approach* : mobile-first styles are part of the core framework
- *Browser compatibility* : Bootstrap is compatible with all modern browsers (Chrome, Firefox, Internet Explorer, Safari, and Opera)

Bootstrap Site

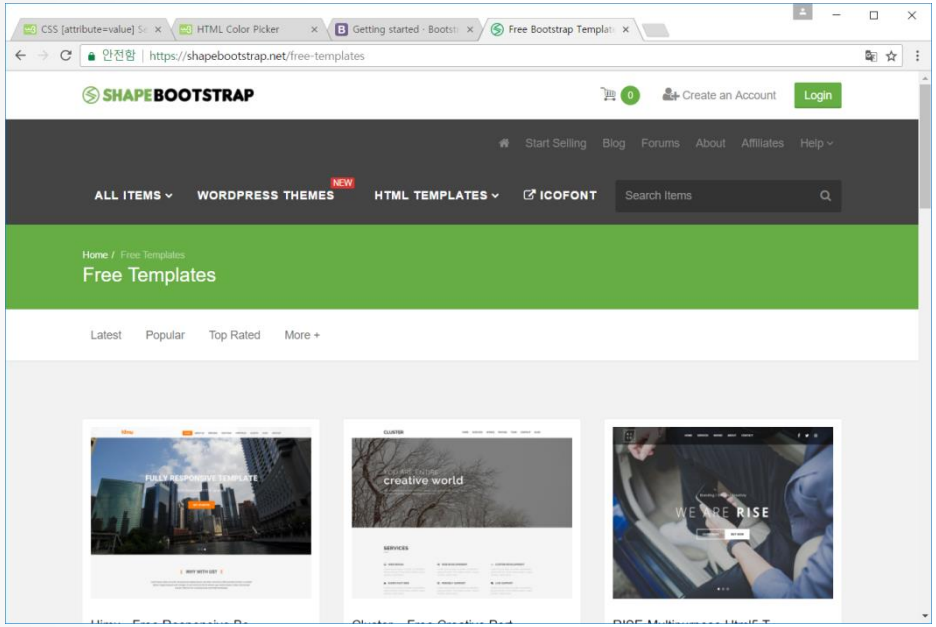


https://bootsnipp.com



https://startbootstrap.com/

Bootstrap Site



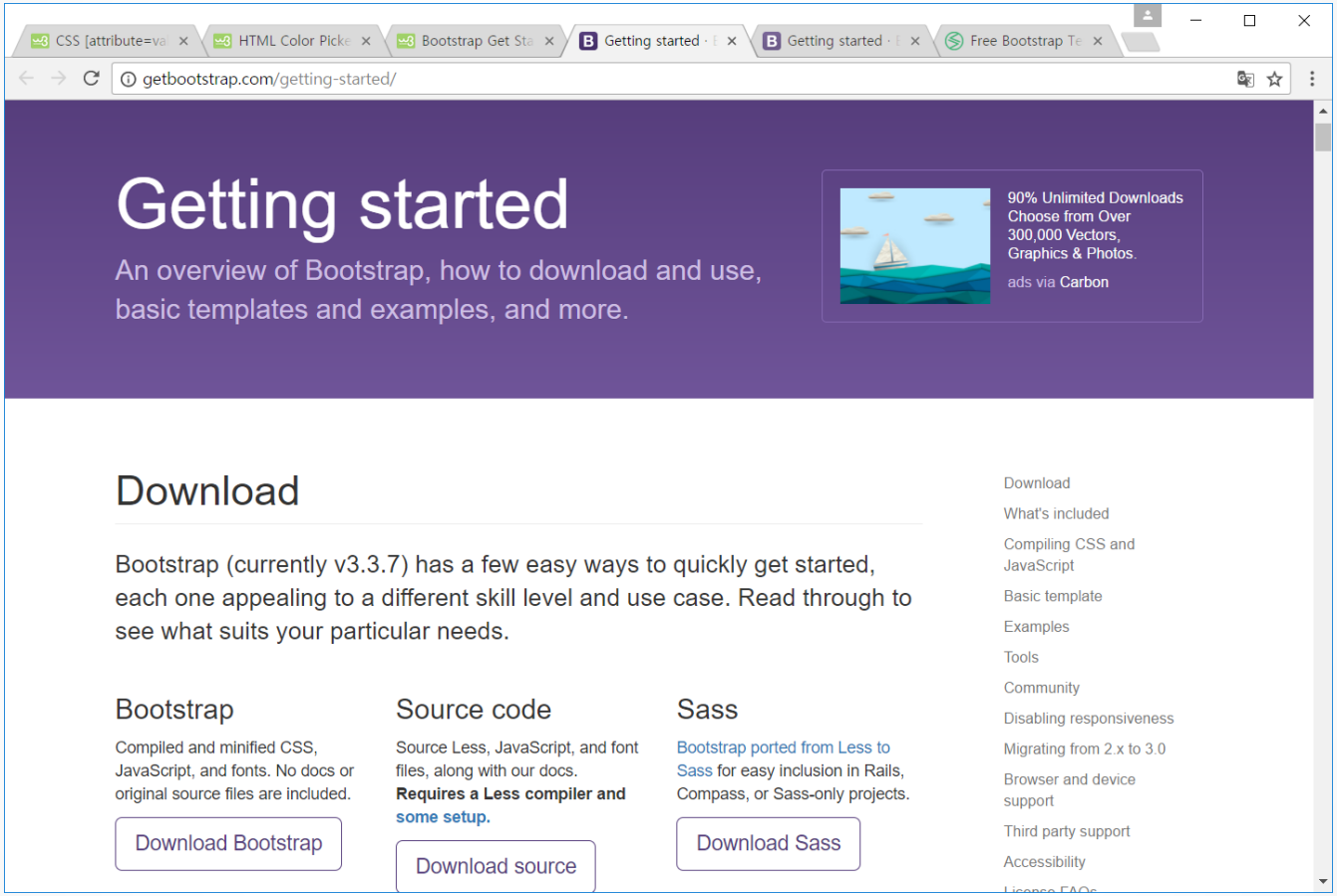
https://shapebootstrap.net/free-templates

Bootstrap Install

- Download Bootstrap from getbootstrap.com
- Include Bootstrap from a CDN

```
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.
css">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.0/jquery.min.js"></scri
pt>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"
></script>
```

Bootstrap Download



getbootstrap.com

Bootstrap Template Page

```
<!DOCTYPE html>
<html lang="ko">
  <head>
  <title>Bootstrap Template Page</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.0/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
  </head>
```

Viewport Source

Bootstrap CDN Source

Bootstrap Template Page

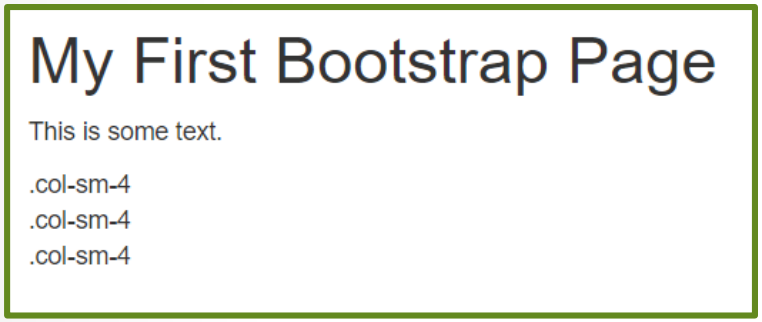
```
<body>
<div class="container“>
  <h1>My First Bootstrap Page</h1>
  <p>This is some text.</p>
    <div class="row“>
      <div class="col-sm-4">.col-sm-4</div>
      <div class="col-sm-4">.col-sm-4</div>
      <div class="col-sm-4">.col-sm-4</div>
    </div>
   </div>
  </body>
</html>
```

responsive **fixed width container**

```
<div class="fluid-container">
…
</div>
```

full width container

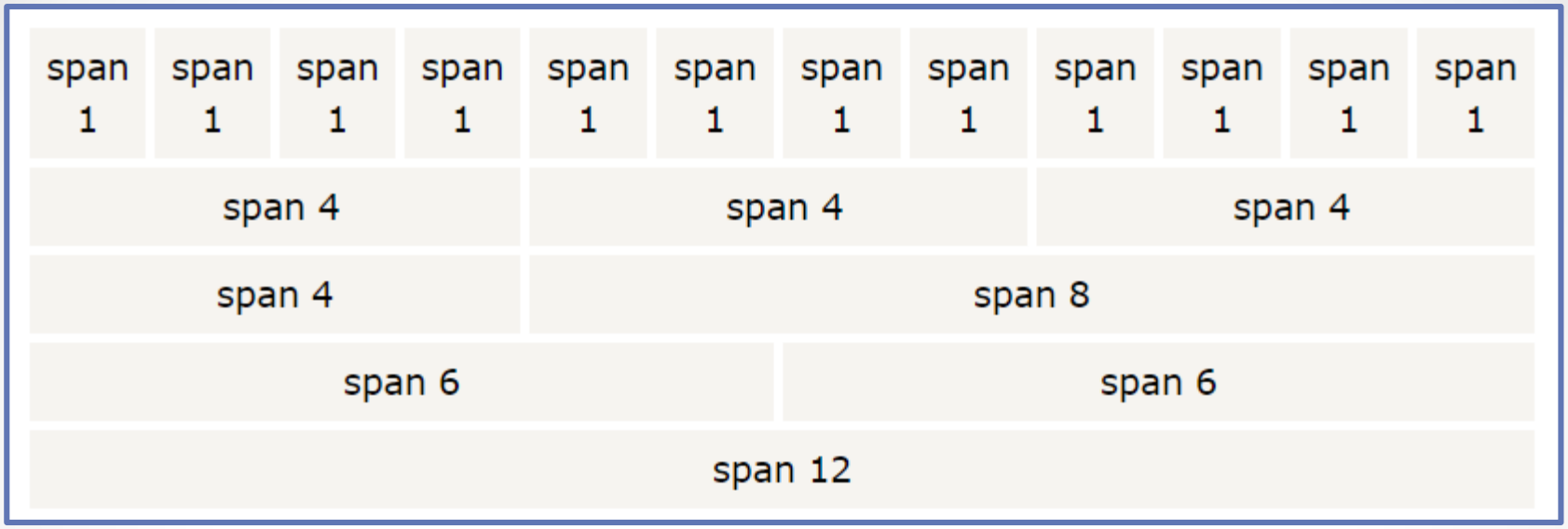
Bootstrap Template Page



Respond Layout

Bootstrap Grids

Bootstrap Grid System



- Bootstrap's grid system allows up to 12 columns across the page
- Rows must be placed within a **.container** (fixed-width) or **.container-fluid**(full-width)
- The Bootstrap grid system has four classes :
  xs (for phones) / sm (for tablets) / md (for desktops) / lg (for larger desktops)
- Predefined classes like **.row** and **.col-sm-4** are available for quickly making grid layouts

Grid Options

	Extra small devices Phones (<768px)	Small devices Tablets (>=768px)	Medium devices Desktops (>=992px)	Large devices Desktops (>=1200px)
Grid behaviour	Horizontal at all tim es	Collapsed to start, hor izontal above breakpo ints	Collapsed to start, horizontal above b reakpoints	Collapsed to start, horizont al above breakpoints
Container width	None (auto)	750px	970px	1170px
Class prefix	.col-xs-	.col-sm-	.col-md-	.col-lg-
Number of columns	12	12	12	12
Column width	Auto	~62px	~81px	~97px
Gutter width	30px (15px on each side of a column)	30px (15px on each side of a column)	30px (15px on each side of a column)	30px (15px on each side of a co lumn)
Nestable	Yes	Yes	Yes	Yes
Offsets	Yes	Yes	Yes	Yes
Column ordering	Yes	Yes	Yes	Yes

Bootstrap Grid Code

```
<div class="row">
   <div class="col-xx-x"> … <.../div>
            …
</div>
<div class="row">
   <div class="col-xx-x"> … <.../div>
            …
</div>
```

Col-xx-x

Xx : gridClass

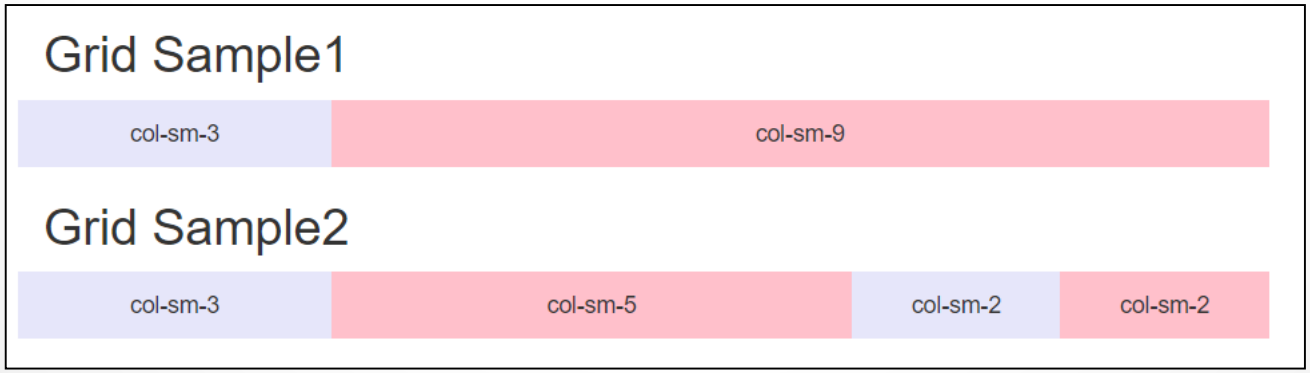
- xs (for phones)
- sm (for tablets)
- md (for desktops)
- lg (for larger desktops)

X : gridNumber

- 1~12의 숫자를 입력하여 한 행의 gridNumber 합이 12가 넘으면 다음 행으로 줄바꿈 된다.

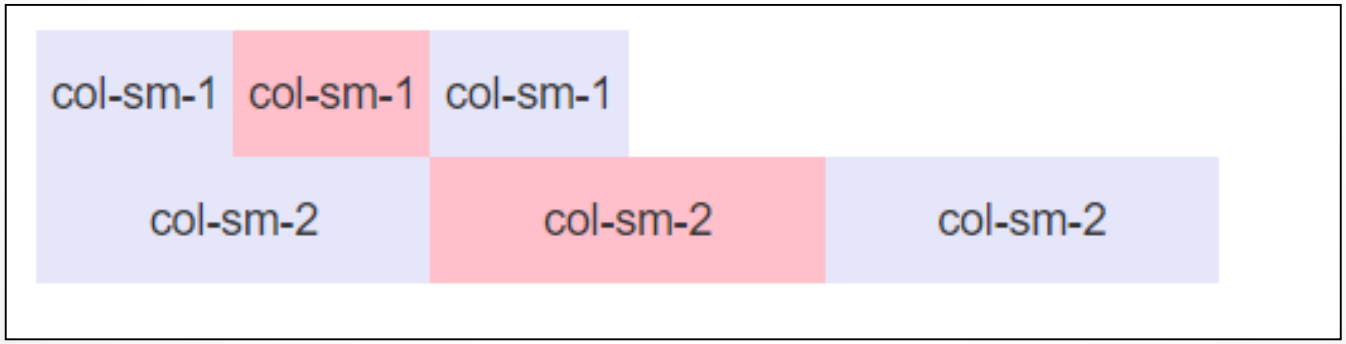
Bootstrap Grid Code

```
<div class="row">
    <div class="col-sm-3">col-sm-3</div>
    <div class="col-sm-9">col-sm-9</div>
</div>

<div class="row">
    <div class="col-sm-3">col-sm-3</div>
    <div class="col-sm-5">col-sm-5</div>
    <div class="col-sm-2">col-sm-2</div>
    <div class="col-sm-2">col-sm-2</div>
 </div>
```

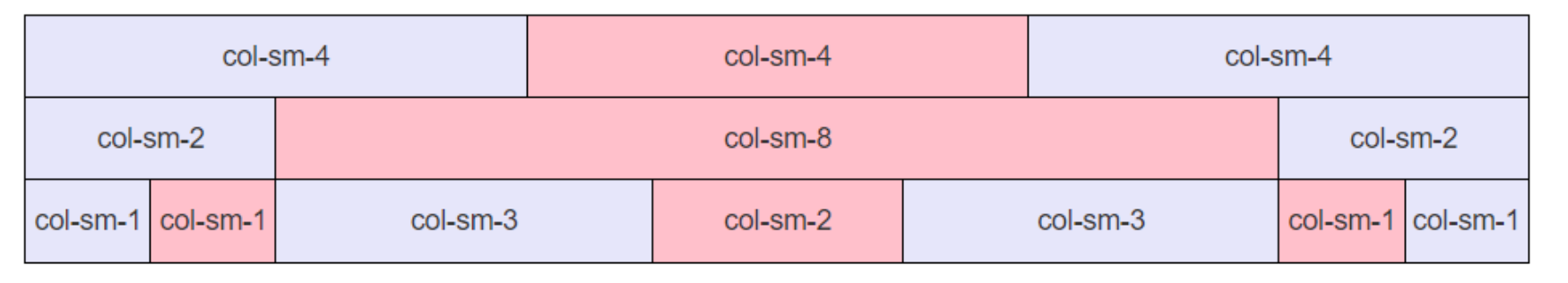


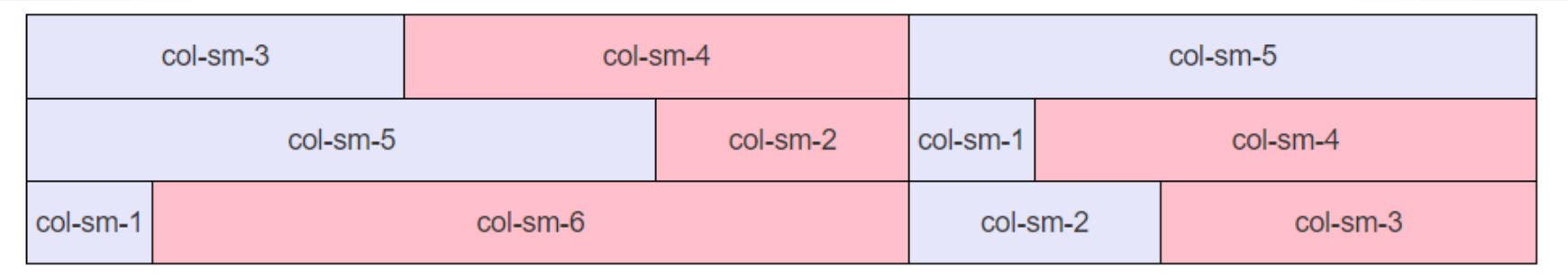
Bootstrap Grid Code

```
<div class="row">
    <div class="col-sm-1">col-sm-1</div>
    <div class="col-sm-1">col-sm-1</div>
    <div class="col-sm-1">col-sm-1</div>
  </div>
<div class="row">
    <div class="col-sm-2">col-sm-2</div>
    <div class="col-sm-2">col-sm-2</div>
    <div class="col-sm-2">col-sm-2</div>
 </div>
```



Bootstrap Grid Code





Bootstrap Typography

Default Settings

- Bootstrap's global default
  : font-size is 14px / line-height of 1.428.
- <h1> - <h6>
  : 36px / 30px / 24px / 18px / 14px / 12px
- <small>
  : lighter, secondary text in any heading:
- <mark> / <abbr> / <code> / <kbd>
- <dl> <dt> <dd> / <pre>
- <blockquote > / <blockquote class= “blockquote-reverse>
- Contextual Colors :
  .text-muted / .text-primary / .text-success / .text-info / .text-warning, / .text-danger
- Backgrounds :
  .bg-primary / .bg-success / .bg-info / .bg-warning / .bg-danger:

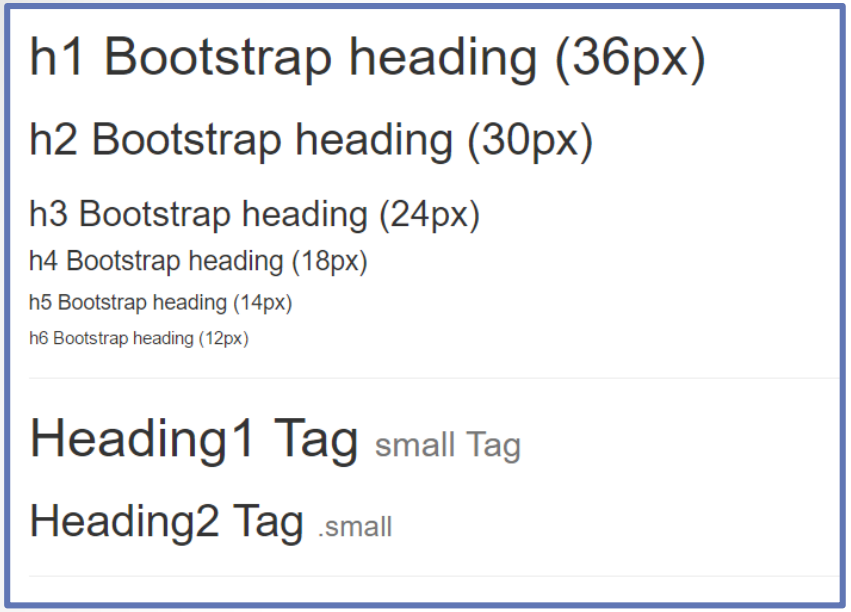
Typography Classes

Class	Description
.lead	Makes a paragraph stand out
.small	Indicates smaller text (set to 85% of the size of the parent)
.text-left	Indicates left-aligned text
.text-center	Indicates center-aligned text
.text-right	Indicates right-aligned text
.text-justify	Indicates justified text
.text-nowrap	Indicates no wrap text
.text-lowercase	Indicates lowercased text
.text-uppercase	Indicates uppercased text
.text-capitalize	Indicates capitalized text

Typography Classes

Class	Description
.initialism	Displays the text inside an <abbr> element in a slig htly smaller font size
.list-unstyled	Removes the default list-style and left margin on li st items (works on both <ul> and <ol>).
.list-inline (ul/ol) .list-inline-item (li)	Places all list items on a single line
.dl-horizontal	Lines up the terms (<dt>) and descriptions (<dd>) i n <dl>elements side-by-side. Starts off like defaul t <dl>s, but when the browser window expands, it will line up side-by-side
.pre-scrollable	Makes a <pre> element scrollable

Typography Code



h1~h6
.h1 ~ .h6 class
small

```
<h1>h1 Bootstrap heading (36px)</h1>
<h2>h2 Bootstrap heading (30px)</h2>
<h3>h3 Bootstrap heading (24px)</h3>
<h4>h4 Bootstrap heading (18px)</h4>
<h5>h5 Bootstrap heading (14px)</h5>
<h6>h6 Bootstrap heading (12px)</h6>
<hr>
<h1>Heading1 Tag <small>small Tag </small></h1>
<h2>Heading2 Tag <span class="small">.small</span></h2>
```

Typography Code

mark, abbr

The mark tag defines marked text. Use the mark tag if you want to highlight parts of your text.

The abbr tag defines an abbreviation or an acronym.

code, kbd, var

Code Element : Indicates inline snippets of code: `span` , `div`

kbd Element : Indicates input that is typically entered via the keyboard: CTRL + Z

var Element : Indicates variables: *x* = *ab* + *y*

```
<p>The <mark>mark</mark> tag defines marked text. Use the <mark>mark</mark> tag if you want to highlight parts of your text.</p>
<p> The <abbr title="abbreviation title definition"> abbr </abbr> tag defines an abbreviation or an acronym.</p>
```

```
<p>  Code Element : Indicates inline snippets of code: <code>span </code>, <code>div</code>  </p>
  <p>   kbd Element : Indicates input that is typically entered via the keyboard: <kbd>CTRL</kbd> + <kbd>Z</kbd>   </p>
  <p>    var Element : Indicates variables: <var>x = ab + y</var>  </p>
```

Typography Code

The blockquote tag is a semantic tag that tells the browser or user agent that the contents are a long quotation. Indicates blocks of content from another source.

> The blockquote tag is a semantic tag that tells the browser or user agent that the contents are a long quotation. .blockquote-reverse Indicates a blockquote with right-aligned content.

```
<blockquote>  The blockquote tag is a semantic tag that tells the browser or user agent that the contents are a long quotation.
  Indicates blocks of content from another source.  </blockquote>
  <blockquote class="blockquote-reverse">
  The blockquote tag is a semantic tag that tells the browser or user agent that the contents are a long quotation.    .blockquote-reverse Indicates a blockquote with right-aligned content.   </blockquote>
```

Typography Code

dl, dt, dd

Coffee
black hot drink
Milk
white cold drink

.dl-horizontal Class Lines up the terms and descriptions in the element side-by-side.

```
<dl>
   <dt>Coffee</dt>
   <dd>black hot drink</dd>
   <dt>Milk</dt>
   <dd>white cold drink</dd>
</dl>
<dl class="dl-horizontal">
   <dt>.dl-horizontal Class</dt>
   <dd>Lines up the terms and descriptions in the element side-by-side.</dd>
</dl>
```

Typography Code

ol,ul,li

.list-inline

ListA ListB ListC ListD

.list-unstyled

List
List
List
List

```
<h3>.list-inline</h3>
 <ul class="list-inline">
    <li>ListA</li>
    <li>ListB</li>
    <li>ListC</li>
    <li>ListD</li>
 </ul>
 <h3>.list-unstyled</h3>
 <ol class="list-unstyled">
    <li>List</li>
    <li>List</li>
    <li>List</li>
    <li>List</li>
 </ol>
```

Typography Code

Text Color Class

meaning through colors Class : .text-muted

meaning through colors Class : .text-primary

meaning through colors Class : .text-success

meaning through colors Class : .text-info

meaning through colors Class : .text-warning

meaning through colors Class : .text-danger

Background Color Class

.bg-primary : This text is important.

.bg-success : This text indicates success.

.bg-info : This text represents some information.

.bg-warning : This text represents a warning.

.bg-danger : This text represents danger.

Typography Code

```
<h2>Text Color Class</h2>
 <p class="text-muted">meaning through colors Class : .text-muted</p>
 <p class="text-primary">meaning through colors Class : .text-primary</p>
 <p class="text-success">meaning through colors Class : .text-success</p>
 <p class="text-info">meaning through colors Class : .text-info</p>
 <p class="text-warning">meaning through colors Class : .text-warning</p>
 <p class="text-danger">meaning through colors Class : .text-danger </p>
 <hr>
 <h2>Background Color Class</h2>
 <p class="bg-primary">.bg-primary : This text is important.</p>
 <p class="bg-success">.bg-success : This text indicates success.</p>
 <p class="bg-info">.bg-info : This text represents some information.</p>
 <p class="bg-warning">.bg-warning : This text represents a warning.</p>
 <p class="bg-danger">.bg-danger : This text represents danger.</p>
```

Typography Code

Text align : text-left, text-center, text-right, text-justify

text-center : Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.

text-justify : Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.

text-nowrap : Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-fi

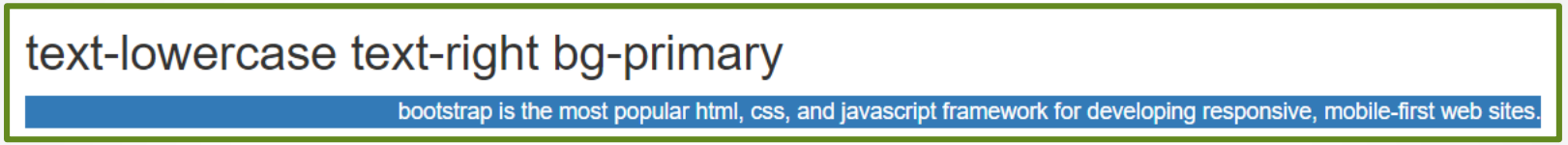
Text alphabet Style : text-lowercase, text-uppercase, text-capitalize

TEXT-UPPERCASE : BOOTSTRAP IS THE MOST POPULAR HTML, CSS, AND JAVASCRIPT FRAMEWORK FOR DEVELOPING RESPONSIVE, MOBILE-FIRST WEB SITES.

Typography Code

```
<h2>Text align : text-left, text-center, text-right, text-justify</h2>
<p class="text-center">
<mark>text-center</mark> : Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.
</p>
<p class="text-justify">
<mark>text-justify</mark> : Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.
</p>
<p class="text-nowrap">
<mark>text-nowrap</mark> : Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.
</p>
<hr>
<h2>Text alphabet Style : text-lowercase, text-uppercase, text-capitalize</h2>
<p class="text-uppercase">
<mark>text-uppercase</mark> : Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.
</p>
```

Typography Code




```
<h2>text-lowercase text-right bg-primary</h2>
 <p class="text-lowercase text-right bg-primary">
  Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.
 </p>
```

Bootstrap Table

<table> Classes

Class	Description
.table	Adds basic styling (light padding and only horizontal dividers) to any <table>
.table-striped	Adds zebra-striping to any table row within <tbody>
.table-bordered	Adds border on all sides of the table and cells
.table-hover	Enables a hover state on table rows within a <tbody>
.table-condensed	Makes table more compact by cutting cell padding in h alf

<tr>, <th> and <td> Classes

Class	Description
.active	Applies the hover color (light-grey) to a particular row or c ell
.success	Indicates a successful or positive action
.info	Indicates a neutral informative change or action
.warning	Indicates a warning that might need attention
.danger	Indicates a dangerous or potentially negative action

Responsive Table

Class	Description
.table-responsive	creates a responsive table. The table will then scroll horizontally on small devices (under 768px)

```
<div class="table-responsive">
  <table class="table">
    ...
  </table>
</div>
```

Table Class Code

.table

data	data	data	data
data	data	data	data
data	data	data	data

table .table-striped

data	data	data	data
data	data	data	data
data	data	data	data

.table-bordered

data	data	data	data
data	data	data	data
data	data	data	data

.table-hover

data	data	data	data
data	data	data	data
data	data	data	data

.table-condensed

data	data	data	data
data	data	data	data
data	data	data	data

tr, td, th Class Code

tr .active , .success, .info, .warning, .danger

.active	.active	.active	.active
success	success	success	success
.info	.info	.info	.info
.warning	.warning	.warning	.warning
.danger	.danger	.danger	.danger

Table Class Code

```
<table class="table tableClassName">
…
</table>
```

```
<table class="table table-striped">
   <caption>table .table-striped </caption>
   <tr>
     <td>data</td>
     <td>data</td>
     <td>data</td>
     <td>data</td>
   </tr>
  …..
</table>
```

Bootstrap Image

Image Classes

Class	Description
.img-rounded	Adds rounded corners to an image
.img-circle	Shapes the image to a circle
.img-thumbnail	Shapes the image to a thumbnail
.img-responsive	Makes an image responsive (will scale nicely to the pare nt element) class applies display: block; and max-width: 100%

Image Code

```
<img src="images/course01.jpg" alt="course01"
class="img-responsive">
   <img src="images/course02.jpg" alt="course02"
class="img-rounded img-responsive">
   <img src="images/course03.jpg" alt="course03"
class="img-circle img-responsive">
   <img src="images/course04.jpg" alt="course04"
class="img-thumbnail">
```

Image Gallery Code

course01.jpg

course02.jpg

course03.jpg

클릭시 하이퍼링크 이미지 100%

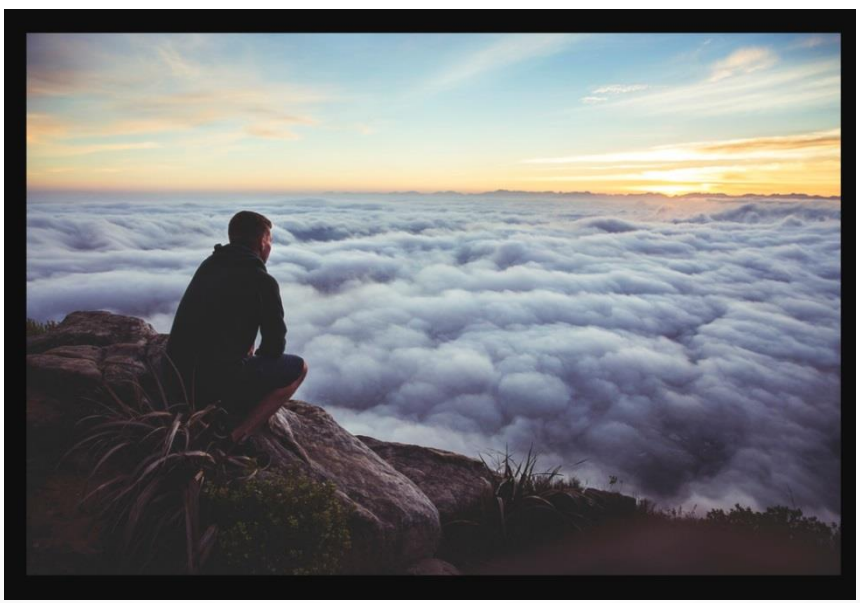


Image Gallery Code

```
<div class="row">
  <div class="col-md-4">
    <div class="thumbnail">
      <a href="images/course01.jpg">
        <img src="images/course01.jpg" alt="Lights"
style="width:100%">
        <div class="caption text-right">
          <p>course01</p>
        </div>
      </a>
    </div>
  </div>
  <div class="col-md-4">
    <div class="thumbnail">
      <a href="images/course02.jpg">
        <img src="images/course02.jpg" alt="Nature"
style="width:100%">
        <div class="caption text-right">
          <p>course02</p>
        </div>
      </a>
    </div>
  </div>
```

```
<div class="col-md-4">
    <div class="thumbnail">
      <a href="images/course03.jpg">
        <img src="images/course03.jpg" alt="Fjords"
style="width:100%">
        <div class="caption text-right">
          <p>course03</p>
        </div>
      </a>
    </div>
  </div>
</div>
```

Box Design

- .jumbostron
- .page-holder
- .well / .well-sm / .well-lg

Classes

Class	Description
.page-header	Adds a horizontal line under the heading (+ adds some extra space around the element)
.jumbotron	Creates a padded grey box with rounded corners that enlarg es the font sizes of the text inside it. Creates a big box for calling extra attention to some special c ontent or information
.well	Adds a rounded border around an element with a gray back ground color and some padding
.well-lg	Large well (more padding)
.well-sm	Small well (less padding)

.page-holder / .jumbotron

```
<div class="page-header"> <h3>Page Header</h3>  </div>
```

Page Header

```
<div class="jumbotron">
    <h1>Jumbotron Box ? </h1>.
    <p>Creates a padded grey box with rounded corners that enlarges the font sizes of the text inside it. Creates a big box for calling extra attention to some special content or information. </p>.
 <div>
```

Jumbotron Box ?

.

Creates a padded grey box with rounded corners that enlarges the font sizes of the text inside it. Creates a big box for calling extra attention to some special content or information.

.

.well Class Code

```
<div class="well well-sm">.well-sm Well</div>
<div class="well">Basic Well</div>
<div class="well well-lg">.well-lg Well</div>
```

Bootstrap Button

Button Classes

The classes below can be used to style any <a>, <button>, or <input> element

Class	Description
.btn	Adds basic styling to any button
.btn-default	Indicates a default/standard button
.btn-primary	Provides extra visual weight and identifies the primary action in a set of buttons
.btn-success	Indicates a successful or positive action
.btn-info	Contextual button for informational alert messages
.btn-warning	Indicates caution should be taken with this action
.btn-danger	Indicates a dangerous or potentially negative action
.btn-link	Makes a button look like a link (will still have button behavior)

Button Classes

Class	Description
.btn-lg	Makes a large button
.btn-sm	Makes a small button
.btn-xs	Makes an extra small button
.btn-block	Makes a block-level button (spans the full width of the parent element)
.active	Makes the button appear pressed
.disabled	Makes the button disabled
.navbar-btn	Vertically aligns a button inside a navbar

Button Group Classes

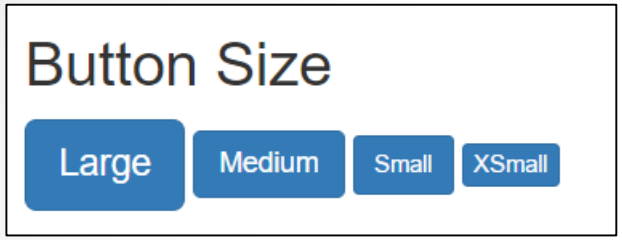
The classes below can be used to style any <a>, <button>, or <input> element

Class	Description
.btn-group	Groups buttons together on a single line
.btn-group-justified	Makes a group of buttons span the entire width of the screen
.btn-group-lg	Large button group (makes all buttons in a button group larger - increased font-size a nd padding)
.btn-group-sm	Small button group (makes all buttons in a button group smaller)
.btn-group-xs	Extra small button group (makes all buttons in a button group extr a small)
.btn-group-vertical	Makes a button group appear vertically stacked
.btn-group	Groups buttons together on a single line
.btn-group-justified	Makes a group of buttons span the entire width of the screen

Button Classes Code

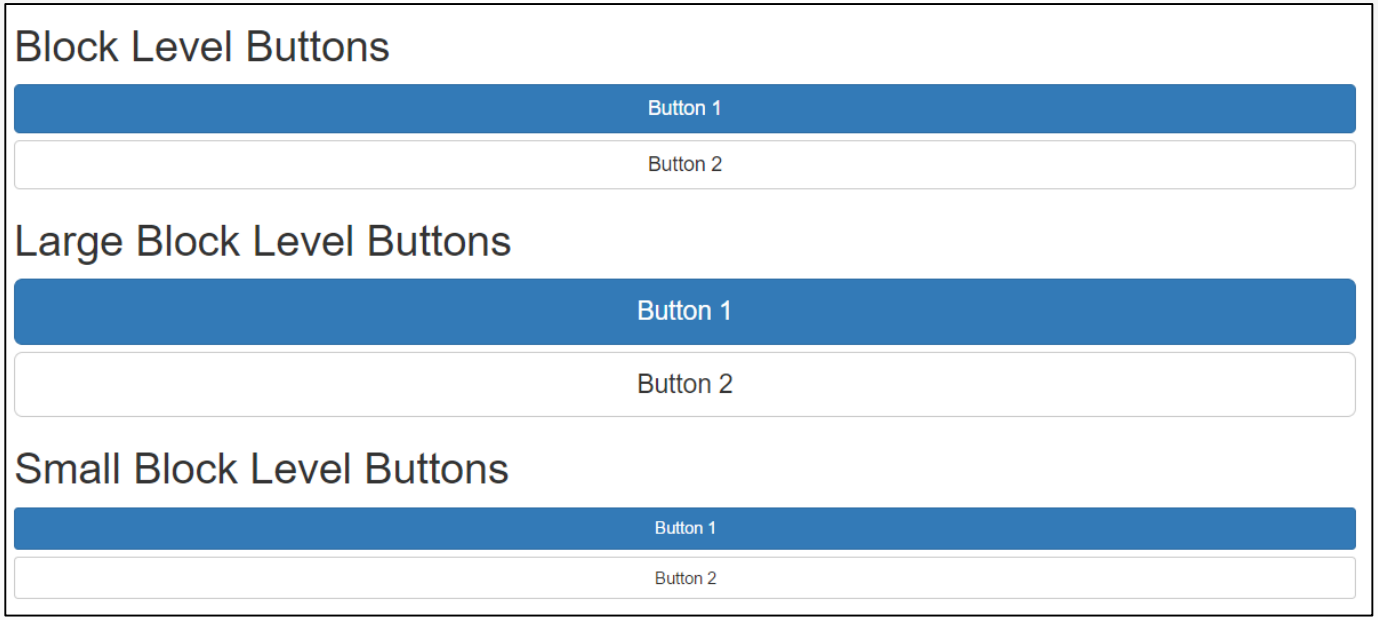
```
<button type="button" class="btn">Basic</button>
<button type="button" class="btn btn-default">Default</button>
<button type="button" class="btn btn-primary">Primary</button>
<button type="button" class="btn btn-success">Success</button>
<button type="button" class="btn btn-info">Info</button>
<button type="button" class="btn btn-warning">Warning</button>
<button type="button" class="btn btn-danger">Danger</button>
<button type="button" class="btn btn-link">Link</button>
```

Button Classes Code




```
<button type="button" class="btn btn-primary btn-lg">Large</button>
 <button type="button" class="btn btn-primary btn-md">Medium</button>
 <button type="button" class="btn btn-primary btn-sm">Small</button>
 <button type="button" class="btn btn-primary btn-xs">XSmall</button>
```

Button Classes Code

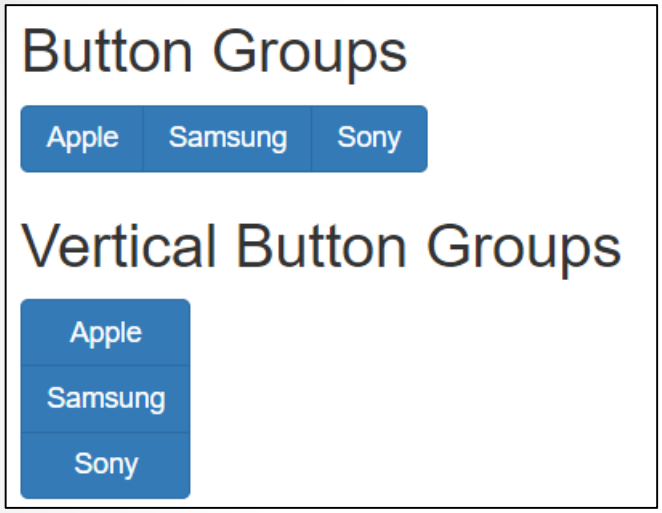



```
<h2>Block Level Buttons</h2>
<button type="button" class="btn btn-primary btn-block">Button 1</button>
<button type="button" class="btn btn-default btn-block">Button 2</button>
<h2>Large Block Level Buttons</h2>
<button type="button" class="btn btn-primary btn-lg btn-block">Button 1</button>
<button type="button" class="btn btn-default btn-lg btn-block">Button 2</button>
<h2>Small Block Level Buttons</h2>
<button type="button" class="btn btn-primary btn-sm btn-block">Button 1</button>
<button type="button" class="btn btn-default btn-sm btn-block">Button 2</button>
```

Button Classes Code

```
<button type="button" class="btn btn-primary active">Active Primary</button>
 <button type="button" class="btn btn-primary disabled">Disabled
Primary</button>
```

Button Group Classes Code




```
<div class="btn-group">
   <button type="button" class="btn btn-primary">Apple</button>
   <button type="button" class="btn btn-primary">Samsung</button>
   <button type="button" class="btn btn-primary">Sony</button>
</div>
```

```
<div class="btn-group-vertical">
   <button type="button" class="btn btn-primary">Apple</button>
   <button type="button" class="btn btn-primary">Samsung</button>
   <button type="button" class="btn btn-primary">Sony</button>
 </div>
```

Button Group Classes Code

```
<div class="btn-group btn-group-justified">
   <a href="#" class="btn btn-primary">Apple</a>
   <a href="#" class="btn btn-primary">Samsung</a>
   <a href="#" class="btn btn-primary">Sony</a>
 </div>
```

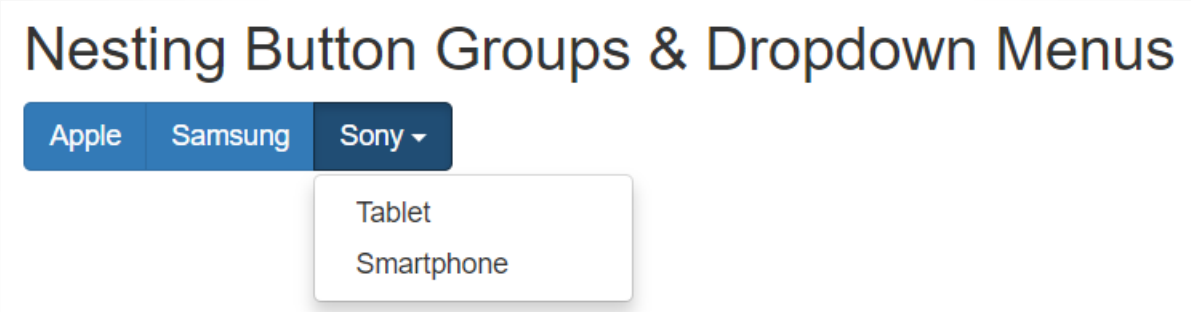
Dropdown Classes

Class	Description
.dropdown	Indicates a dropdown menu
.dropdown-menu	Builds the dropdown menu
.dropdown-menu-right	Right-aligns a dropdown menu
.dropdown-header	Adds a header inside the dropdown menu
.dropup	Indicates a dropup menu
.disabled	Disables an item in the dropdown menu
.divider	Separates items inside the dropdown menu wit h a horizontal line

Button Methods

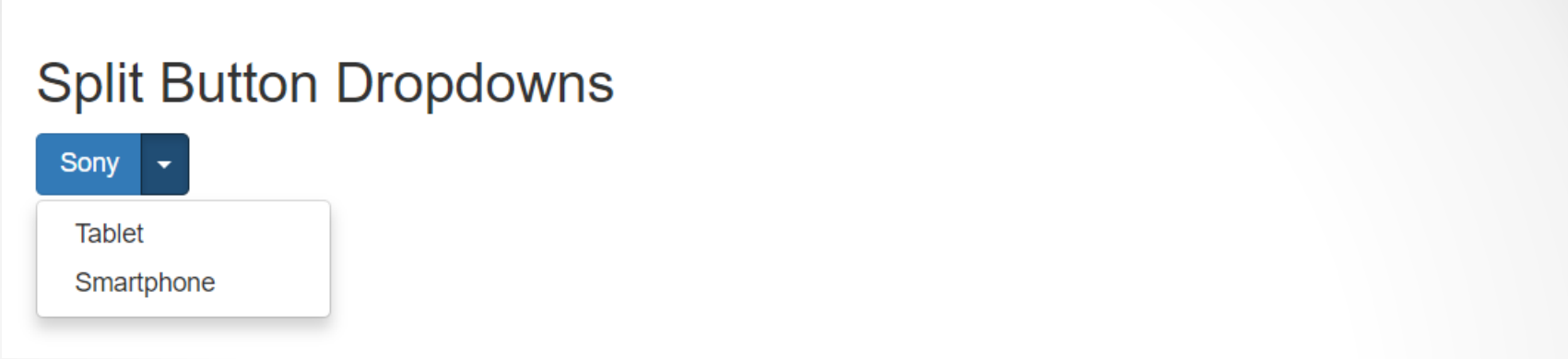
Class	Description
.dropdown	Indicates a dropdown menu
.dropdown-menu	Builds the dropdown menu
.dropdown-menu-right	Right-aligns a dropdown menu
.dropdown-header	Adds a header inside the dropdown menu
.dropup	Indicates a dropup menu
.disabled	Disables an item in the dropdown menu
.divider	Separates items inside the dropdown menu wit h a horizontal line

Button Group Classes Code




```
<div class="btn-group">
   <button type="button" class="btn btn-primary">Apple</button>
   <button type="button" class="btn btn-primary">Samsung</button>
   <div class="btn-group">
     <button type="button" class="btn btn-primary dropdown-toggle" data-
toggle="dropdown">
     Sony <span class="caret"></span></button>
     <ul class="dropdown-menu" role="menu">
       <li><a href="#">Tablet</a></li>
       <li><a href="#">Smartphone</a></li>
     </ul>
   </div>
 </div>
```

Button Group Classes Code



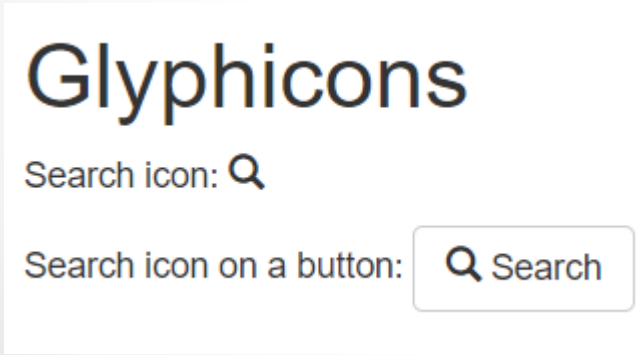

```
<div class="btn-group">
   <button type="button" class="btn btn-primary">Sony</button>
   <button type="button" class="btn btn-primary dropdown-toggle" data-
toggle="dropdown">
     <span class="caret"></span>
   </button>
   <ul class="dropdown-menu" role="menu">
     <li><a href="#">Tablet</a></li>
     <li><a href="#">Smartphone</a></li>
   </ul>
 </div>
```

Bootstrap Glyphicons

Glyphicon Syntax

Bootstrap includes 260 glyphs from the Glyphicon Halflings set. Glyphicons Halflings are normally not available for free, but their creator has made them available for Bootstrap free of cost. As a thank you, you should include a link back to Glyphicons whenever possible.
Use glyphicons in text, buttons, toolbars, navigation, or forms:

```
<span class="glyphicon glyphicon-name"></span>
```




```
<p>Search icon: <span class="glyphicon glyphicon-search"></span></p>
<p>Search icon on a button:
  <button type="button" class="btn btn-default">
    <span class="glyphicon glyphicon-search"></span> Search
  </button>
</p>
```

Glyphicon Classes

https://www.w3schools.com/bootstrap/bootstrap_ref_comp_glyphs.asp

	glyphicon glyphicon-asterisk
	glyphicon glyphicon-plus
	glyphicon glyphicon-minus
	glyphicon glyphicon-euro
	glyphicon glyphicon-cloud
	glyphicon glyphicon-envelope
	glyphicon glyphicon-pencil
	glyphicon glyphicon-glass
	glyphicon glyphicon-music
	glyphicon glyphicon-search

	glyphicon glyphicon-heart
	glyphicon glyphicon-star
	glyphicon glyphicon-star-empty
	glyphicon glyphicon-user
	glyphicon glyphicon-film
	glyphicon glyphicon-th-large
	glyphicon glyphicon-th
	glyphicon glyphicon-th-list
	glyphicon glyphicon-ok
	glyphicon glyphicon-remove

Glyphicon Classes

	glyphicon glyphicon-zoom-in
	glyphicon glyphicon-zoom-out
	glyphicon glyphicon-off
	glyphicon glyphicon-signal
	glyphicon glyphicon-cog
	glyphicon glyphicon-trash
	glyphicon glyphicon-home
	glyphicon glyphicon-file
	glyphicon glyphicon-time
	glyphicon glyphicon-road
	glyphicon glyphicon-download-alt
	glyphicon glyphicon-download
	glyphicon glyphicon-upload
	glyphicon glyphicon-inbox
	glyphicon glyphicon-play-circle
	glyphicon glyphicon-repeat
	glyphicon glyphicon-refresh
	glyphicon glyphicon-list-alt
	glyphicon glyphicon-lock
	glyphicon glyphicon-flag
	glyphicon glyphicon-headphones
	glyphicon glyphicon-volume-off
	glyphicon glyphicon-volume-down
	glyphicon glyphicon-volume-up

Glyphicon Classes

	glyphicon glyphicon-qrcode
	glyphicon glyphicon-barcode
	glyphicon glyphicon-tag
	glyphicon glyphicon-tags
	glyphicon glyphicon-book
	glyphicon glyphicon-bookmark
	glyphicon glyphicon-print
	glyphicon glyphicon-camera
	glyphicon glyphicon-font
	glyphicon glyphicon-bold
	glyphicon glyphicon-italic
	glyphicon glyphicon-text-height
	glyphicon glyphicon-text-width
	glyphicon glyphicon-align-left
	glyphicon glyphicon-align-center
	glyphicon glyphicon-align-right
	glyphicon glyphicon-align-justify
	glyphicon glyphicon-list
	glyphicon glyphicon-indent-left
	glyphicon glyphicon-indent-right
	glyphicon glyphicon-facetime-video
	glyphicon glyphicon-picture
	glyphicon glyphicon-map-marker
	glyphicon glyphicon-adjust
	glyphicon glyphicon-tint
	glyphicon glyphicon-edit

Glyphicon Classes

	glyphicon glyphicon-share
	glyphicon glyphicon-check
	glyphicon glyphicon-move
	glyphicon glyphicon-step-backward
	glyphicon glyphicon-fast-backward
	glyphicon glyphicon-backward
	glyphicon glyphicon-play
	glyphicon glyphicon-pause
	glyphicon glyphicon-stop
	glyphicon glyphicon-forward
	glyphicon glyphicon-fast-forward
	glyphicon glyphicon-step-forward
	glyphicon glyphicon-eject

	glyphicon glyphicon-chevron-left
	glyphicon glyphicon-chevron-right
	glyphicon glyphicon-plus-sign
	glyphicon glyphicon-minus-sign
	glyphicon glyphicon-remove-sign
	glyphicon glyphicon-ok-sign
	glyphicon glyphicon-question-sign
	glyphicon glyphicon-info-sign
	glyphicon glyphicon-screenshot
	glyphicon glyphicon-remove-circle
	glyphicon glyphicon-ok-circle
	glyphicon glyphicon-ban-circle
	glyphicon glyphicon-arrow-left
	glyphicon glyphicon-arrow-right

Glyphicon Classes

	glyphicon glyphicon-share-alt
	glyphicon glyphicon-resize-full
	glyphicon glyphicon-resize-small
	glyphicon glyphicon-exclamation-sign
	glyphicon glyphicon-gift
	glyphicon glyphicon-leaf
	glyphicon glyphicon-fire
	glyphicon glyphicon-eye-open
	glyphicon glyphicon-eye-close
	glyphicon glyphicon-warning-sign
	glyphicon glyphicon-plane
	glyphicon glyphicon-calendar
	glyphicon glyphicon-random

	glyphicon glyphicon-magnet
	glyphicon glyphicon-chevron-up
	glyphicon glyphicon-chevron-down
	glyphicon glyphicon-retweet
	glyphicon glyphicon-shopping-cart
	glyphicon glyphicon-folder-close
	glyphicon glyphicon-folder-open
	glyphicon glyphicon-resize-vertical
	glyphicon glyphicon-resize-horizontal
	glyphicon glyphicon-hdd
	glyphicon glyphicon-bullhorn
	glyphicon glyphicon-bell
	glyphicon glyphicon-certificate
	glyphicon glyphicon-thumbs-up

Bootstrap
Badges & Label

Bootstrap Badges & Label Class

.badge	Creates a circular badge (grey circle - often used as a numerical indicator)
.label	Adds a grey rounded box to an element. Provides additional information about something
.label-danger	Red label
.label-info	Light-blue label
.label-success	Green label
.label-warning	Yellow label

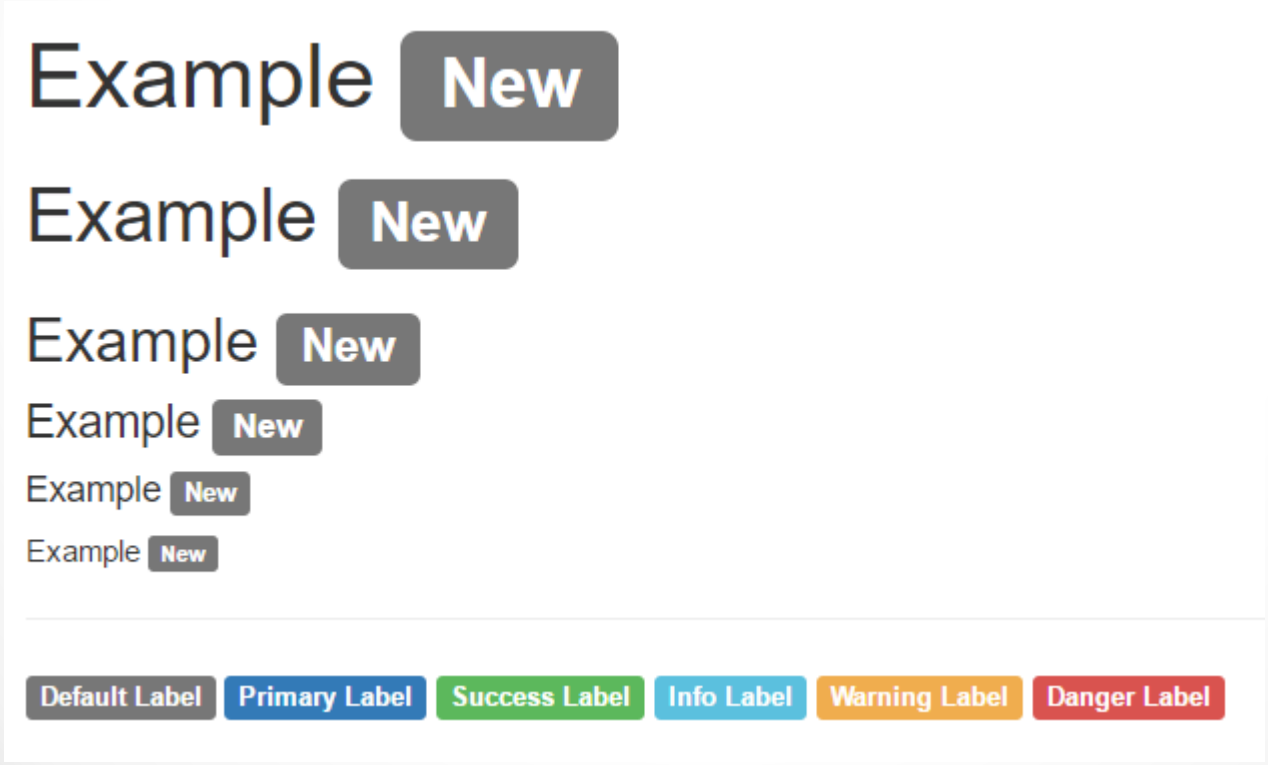
Bootstrap Badges Code

Badges are numerical indicators of how many items are associated with a link:

```
<ul>
    <li><a href="#">News <span class="badge">5</span></a></li>
    <li><a href="#">Comments <span class="badge">10</span></a></li>
    <li><a href="#">Updates <span class="badge">2</span></a></li>
 </ul>

<button type="button" class="btn btn-primary">Primary
<span class="badge">7</span></button>
<button type="button" class="btn btn-info">Info
<span class="badge">17</span></button>
```

Bootstrap Label Code

Labels are used to provide additional information about something. Use the .label class, followed by one of the six contextual classes .label-default, .label-primary, .label-success, .label-info, .label-warning or .label-danger, within a element to create a label:



Bootstrap Label Code

```
<h1>Example <span class="label label-default">New</span></h1>
<h2>Example <span class="label label-default">New</span></h2>
<h3>Example <span class="label label-default">New</span></h3>
<h4>Example <span class="label label-default">New</span></h4>
<h5>Example <span class="label label-default">New</span></h5>
<h6>Example <span class="label label-default">New</span></h6>
```

```
<span class="label label-default">Default Label</span>
<span class="label label-primary">Primary Label</span>
<span class="label label-success">Success Label</span>
<span class="label label-info">Info Label</span>
<span class="label label-warning">Warning Label</span>
<span class="label label-danger">Danger Label</span>
```

Bootstrap Pagination

If you have a web site with lots of pages, you may wish to add some sort of pagination to each page.

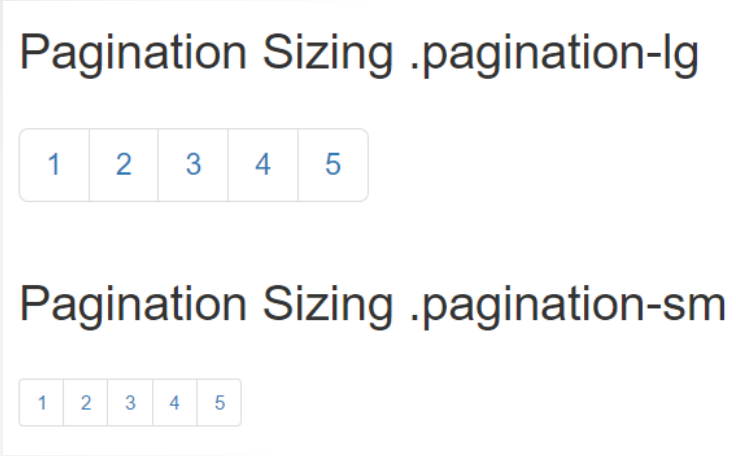
Bootstrap Pagenation Class

.pagination	Creates a pagination (Useful when you have a web site with lots of pages. Used on < ul> elements)
.pagination-lg	Large pagination (each pagination link gets a font-size of 18px. Default is 14px)
.pagination-sm	Small pagination (each pagination link gets a font-size of 12px. Default is 14px)
.breadcrumb	A pagination. Indicates the current page's location within a nav igational hierarchy

Bootstrap Pagenation Code

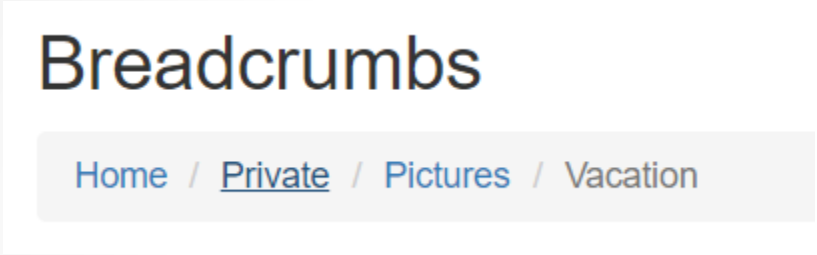
```
<ul class="pagination">
    <li><a href="#">1</a></li>
    <li class="active"><a href="#">2</a></li>
    <li><a href="#">3</a></li>
    <li><a href="#">4</a></li>
    <li class="disabled"><a href="#">5</a></li>
</ul>
```

Bootstrap Pagenation Code




```
<h2>Pagination Sizing .pagination-lg </h2>
   <ul class="pagination pagination-lg">
     <li><a href="#">1</a></li>
     <li><a href="#">2</a></li>
     <li><a href="#">3</a></li>
     <li><a href="#">4</a></li>
     <li><a href="#">5</a></li>
   </ul>
<h2>Pagination Sizing .pagination-sm </h2>
   <ul class="pagination pagination-sm">
     <li><a href="#">1</a></li>
     <li><a href="#">2</a></li>
     <li><a href="#">3</a></li>
     <li><a href="#">4</a></li>
     <li><a href="#">5</a></li>
   </ul>
```

Bootstrap Pagenation Code




```
<ul class="breadcrumb">
    <li><a href="#">Home</a></li>
    <li><a href="#">Private</a></li>
    <li><a href="#">Pictures</a></li>
    <li class="active">Vacation</li>
</ul>
```

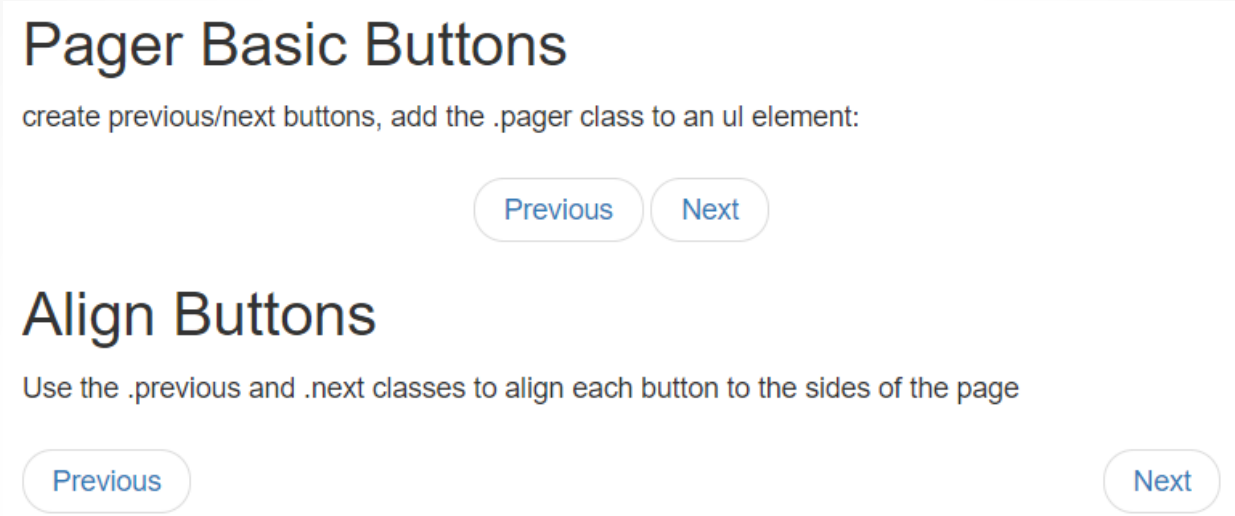
Bootstrap Pager

Pager is also a form of pagination (as described in the previous chapter).
Pager provides previous and next buttons (links).
To create previous/next buttons, add the .pager class to an <ul> element

Bootstrap Pager Class

.pager	Creates previous/next buttons (used on <ul>elements)
.previous	Used to align pager buttons to the left side of the page (previous button)
.next	Used to align pager buttons to the right side of the page (next button)

Bootstrap Pager Code



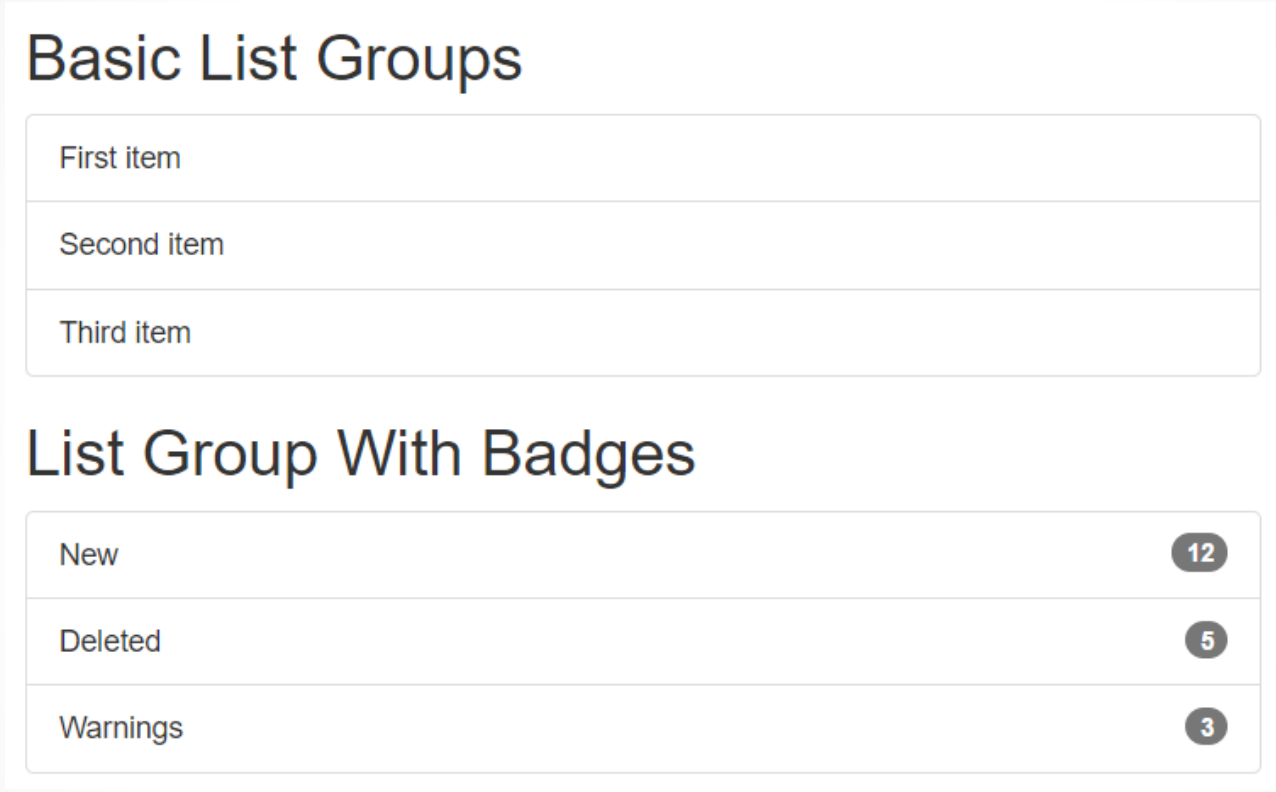

```
<ul class="pager”>
    <li><a href="#">Previous</a></li>
    <li><a href="#">Next</a></li>
</ul>

<ul class="pager">
    <li class="previous"><a href="#">Previous</a></li>
    <li class="next"><a href="#">Next</a></li>
</ul>
```

Bootstrap List Groups

Bootstrap List Group Class

.list-group	Creates a bordered list group for <li> elements
.list-group-item	Added to each <li> element in the list group
.list-group-item-heading	Creates a list group heading (used on other elements besides <li>)
.list-group-item-text	Used for item text inside the list group (used on other elements besides<li>)
.list-group-item-danger	Red background color for a list item in a list group
.list-group-item-info	Light-blue background color for a list item in a list grou p
.list-group-item-success	Green background color for a list item in a list group
.list-group-item-warning	Yellow background color for a list item in a list group

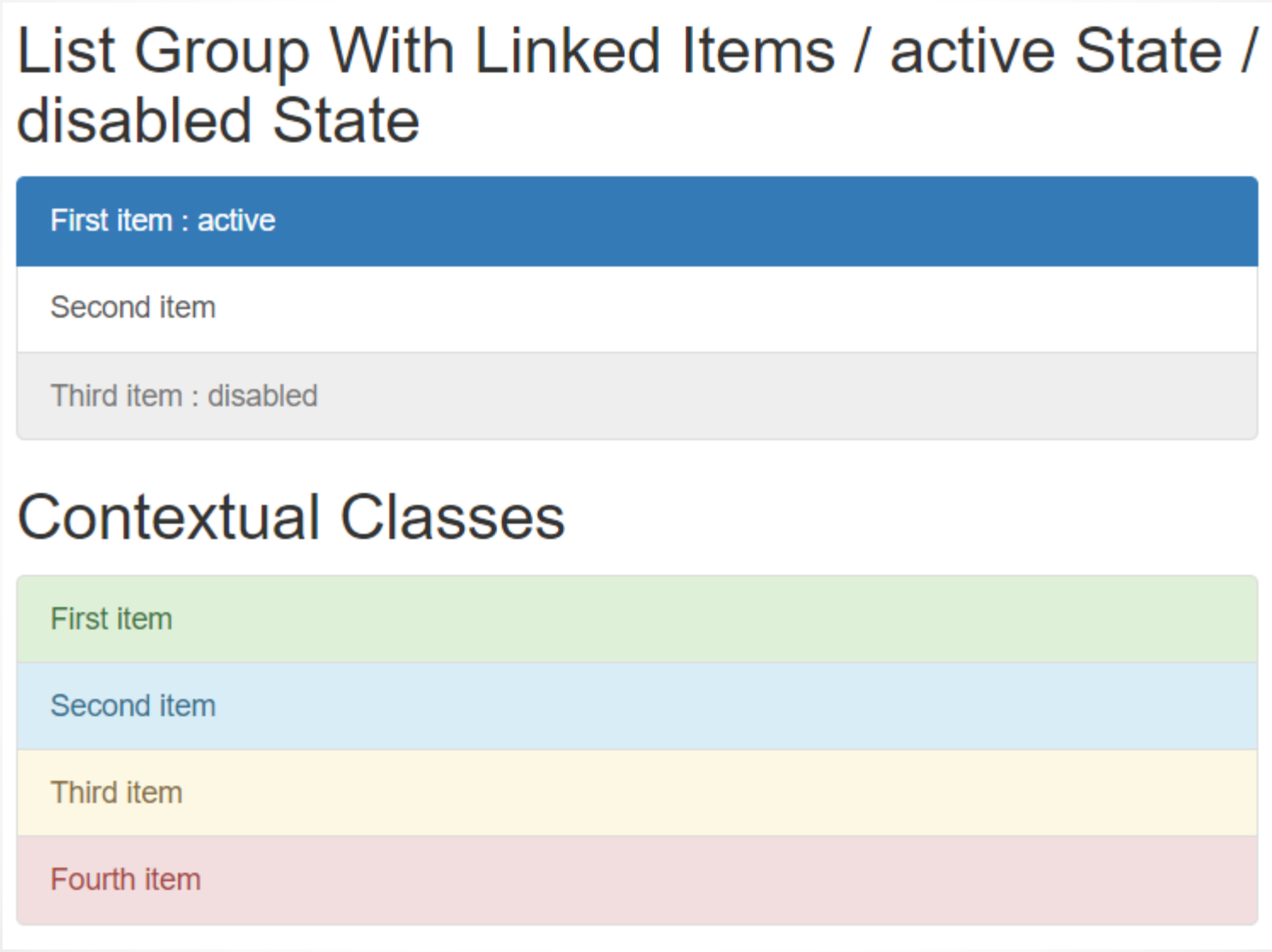
Bootstrap List Group Code



Bootstrap List Group Code

```
<h2>Basic List Groups</h2>
 <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>

 <h2>List Group With Badges</h2>
 <ul class="list-group">
   <li class="list-group-item">New <span class="badge">12</span></li>
   <li class="list-group-item">Deleted <span class="badge">5</span></li>
   <li class="list-group-item">Warnings <span
class="badge">3</span></li>
 </ul>
```

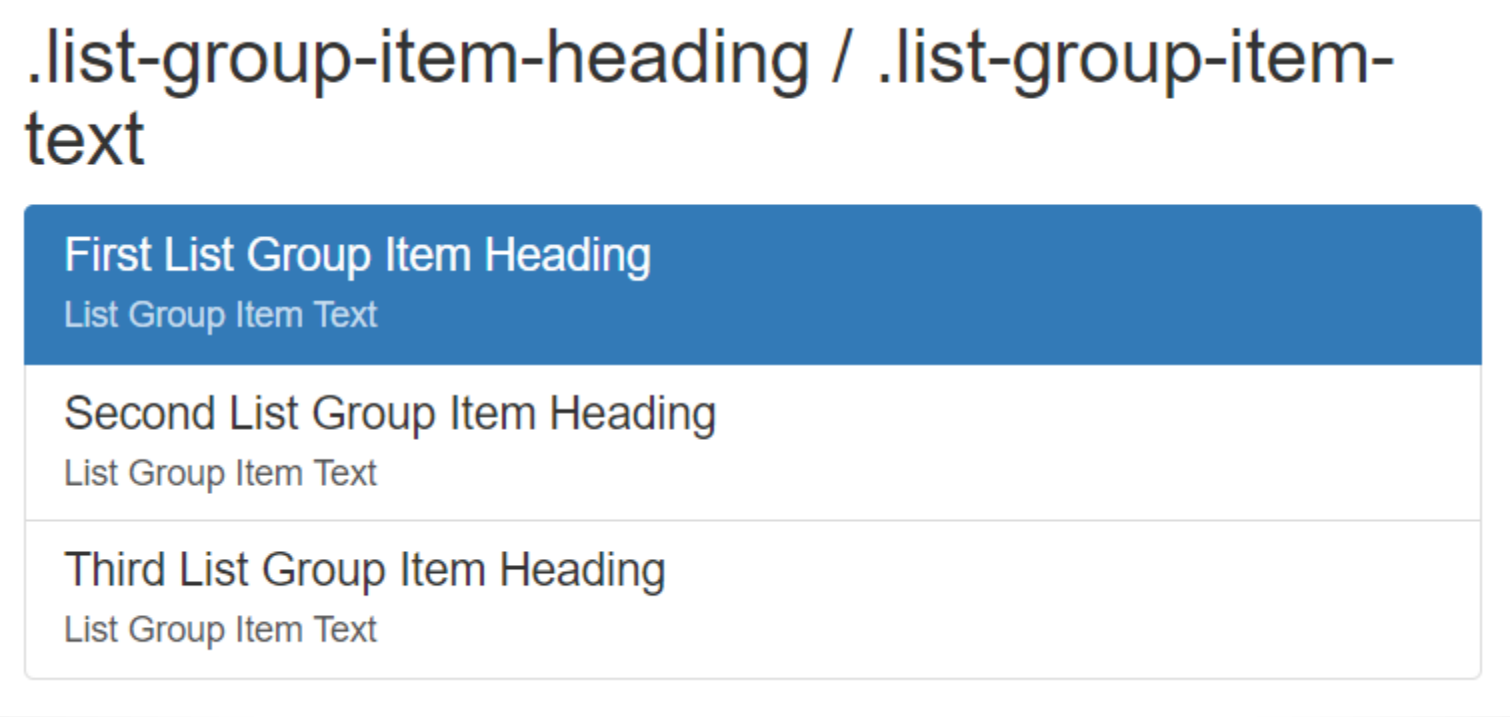
Bootstrap List Group Code



Bootstrap List Group Code

```
<h2>List Group With Linked Items / active State / disabled State</h2>
 <div class="list-group">
   <a href="#" class="list-group-item active">First item : active</a>
   <a href="#" class="list-group-item">Second item</a>
   <a href="#" class="list-group-item disabled">Third item : disabled </a>
 </div>

 <h2>Contextual Classes</h2>
 <ul class="list-group">
   <li class="list-group-item list-group-item-success">First item</li>
   <li class="list-group-item list-group-item-info">Second item</li>
   <li class="list-group-item list-group-item-warning">Third item</li>
   <li class="list-group-item list-group-item-danger">Fourth item</li>
 </ul>
```

Bootstrap List Group Code



Bootstrap List Group Code

```
<div class="list-group">
    <a href="#" class="list-group-item active">
      <h4 class="list-group-item-heading">First List Group Item Heading</h4>
      <p class="list-group-item-text">List Group Item Text</p>
    </a>
    <a href="#" class="list-group-item">
      <h4 class="list-group-item-heading">Second List Group Item
Heading</h4>
      <p class="list-group-item-text">List Group Item Text</p>
    </a>
    <a href="#" class="list-group-item">
      <h4 class="list-group-item-heading">Third List Group Item
Heading</h4>
      <p class="list-group-item-text">List Group Item Text</p>
    </a>
</div>
```

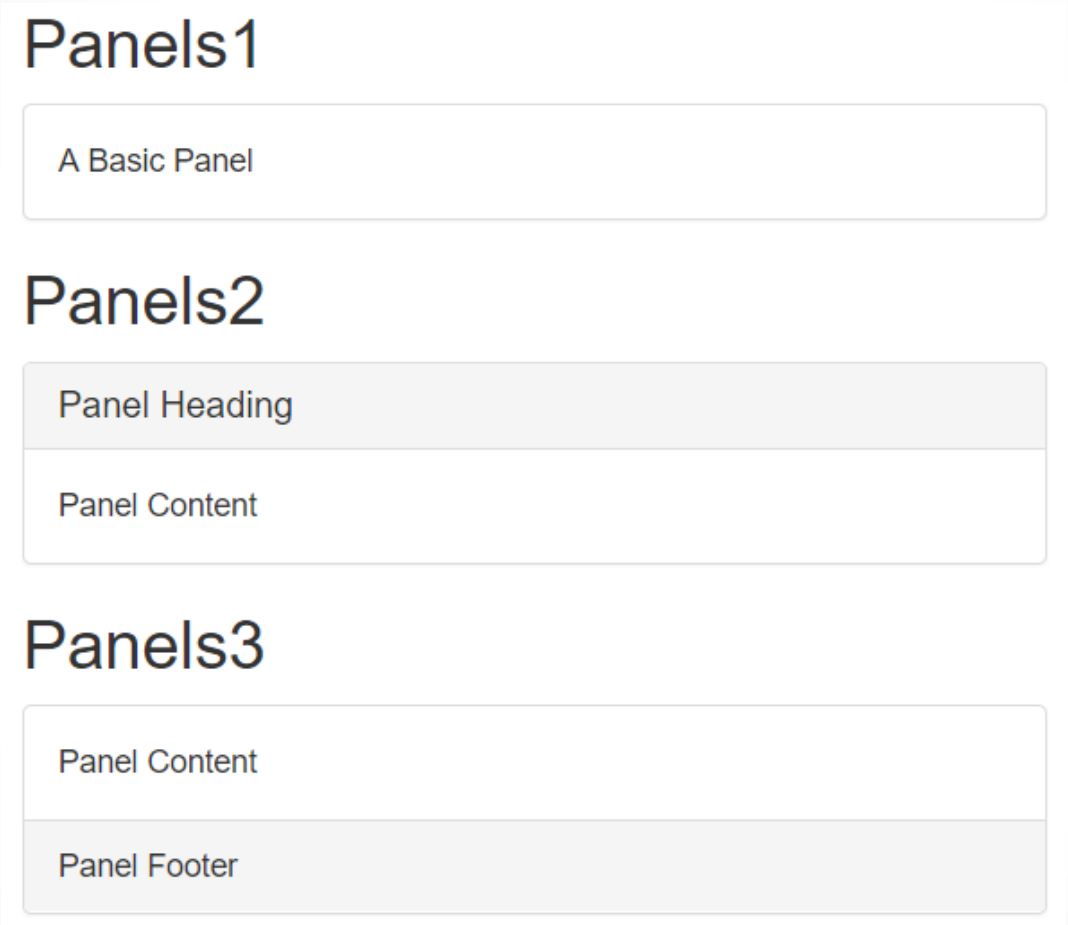
Bootstrap Panels

A panel in bootstrap is a bordered box with some padding around its content:

Bootstrap Panels Class

.panel	Creates a bordered box with some padding around its content
.panel-body	Container for content inside the panel
.panel-danger	Red panel. Indicates danger
.panel-info	Light-blue panel. Indicates information
.panel-success	Green panel. Indicates success
.panel-warning	Yellow panel. Indicates warning
.panel-footer	Creates a panel footer (light background color)
.panel-group	Used to group many panels together. This removes the bottom margin below each panel
.panel-heading	Creates a panel header (light background color)
.panel-title	Used inside a .panel-heading to adjust the styling of the text (removes margins and adds a font-size of 16px)

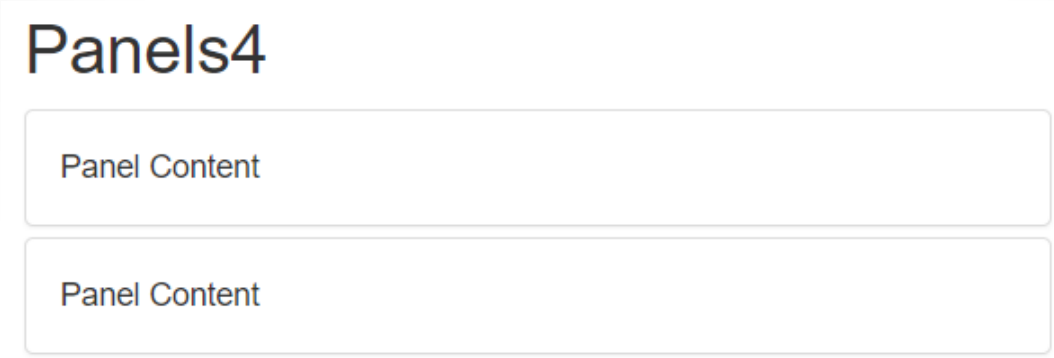
Bootstrap Panels Code



Bootstrap Panels Code

```
<h2>Panels1</h2>
  <div class="panel panel-default">
  <div class="panel-body">A Basic Panel</div>
</div>

<h2>Panels2</h2>
<div class="panel panel-default">
  <div class="panel-heading"><h3 class="panel-title">Panel Heading</h3></div>
  <div class="panel-body">Panel Content</div>
</div>

<h2>Panels3</h2>
<div class="panel panel-default">
  <div class="panel-body">Panel Content</div>
  <div class="panel-footer">Panel Footer</div>
</div>
```

Bootstrap Panels Code

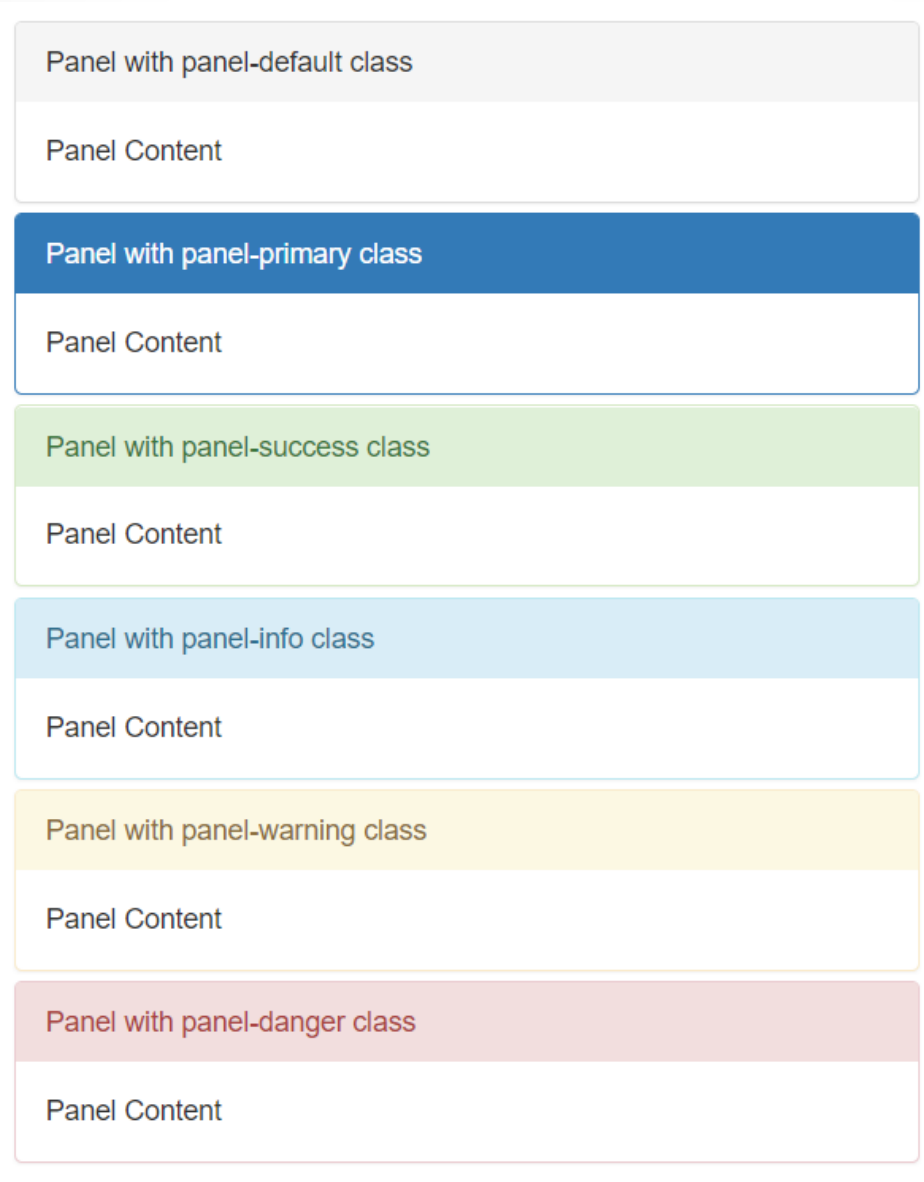



```
<h2>Panels4</h2>
<div class="panel-group">
  <div class="panel panel-default">
    <div class="panel-body">Panel Content</div>
  </div>
  <div class="panel panel-default">
    <div class="panel-body">Panel Content</div>
  </div>
</div>
```

Bootstrap Panels Code

```
<h2>Panels1</h2>
  <div class="panel panel-default">
  <div class="panel-body">A Basic Panel</div>
</div>

<h2>Panels2</h2>
<div class="panel panel-default">
  <div class="panel-heading"><h3 class="panel-title">Panel Heading</h3></div>
  <div class="panel-body">Panel Content</div>
</div>

<h2>Panels3</h2>
<div class="panel panel-default">
  <div class="panel-body">Panel Content</div>
  <div class="panel-footer">Panel Footer</div>
</div>
```

Bootstrap Panels Code



Bootstrap Panels Code

```
<div class="panel-group">
    <div class="panel panel-default">
      <div class="panel-heading">Panel with panel-default class</div>
      <div class="panel-body">Panel Content</div>
    </div>

    <div class="panel panel-primary">
      <div class="panel-heading">Panel with panel-primary class</div>
      <div class="panel-body">Panel Content</div>
    </div>

    <div class="panel panel-success">
      <div class="panel-heading">Panel with panel-success class</div>
      <div class="panel-body">Panel Content</div>
    </div>
```

Bootstrap Panels Code

```
<div class="panel panel-info">
  <div class="panel-heading">Panel with panel-info class</div>
  <div class="panel-body">Panel Content</div>
</div>

<div class="panel panel-warning">
  <div class="panel-heading">Panel with panel-warning class</div>
  <div class="panel-body">Panel Content</div>
</div>

<div class="panel panel-danger">
  <div class="panel-heading">Panel with panel-danger class</div>
  <div class="panel-body">Panel Content</div>
</div>
</div>
```

Bootstrap Collapse

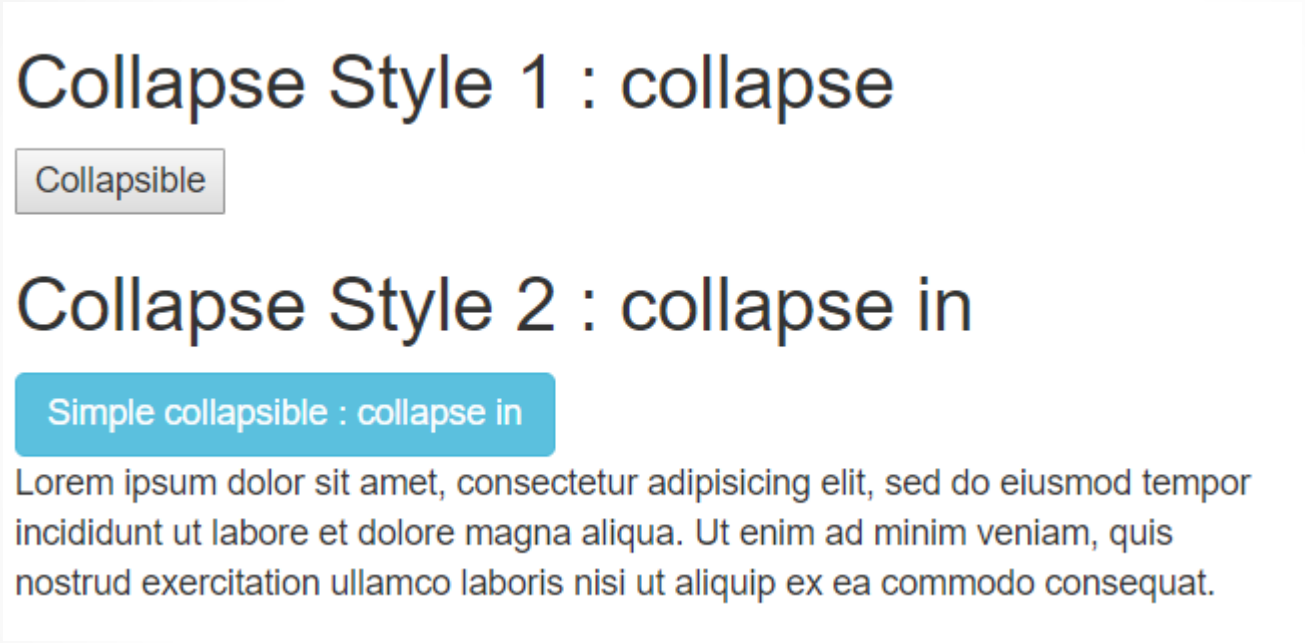
Collapsibles are useful when you want to hide and show large amount of content

Bootstrap Collapse Class & Method

.collapse	Indicates collapsible content - which can be hidden or shown on demand
.collapse in	Show the collapsible content by default
.collapsing	Added when the transition starts, and removed when it finishes
.panel-collapse	Collapsible panel (toggle between hiding and showing panel(s))

Method	Description
.collapse(options)	Activates the collapsible element with an option. See options above for valid values
.collapse("toggle")	Toggles the collapsible element
.collapse("show")	Shows the collapsible element
.collapse("hide")	Hides the collapsible element

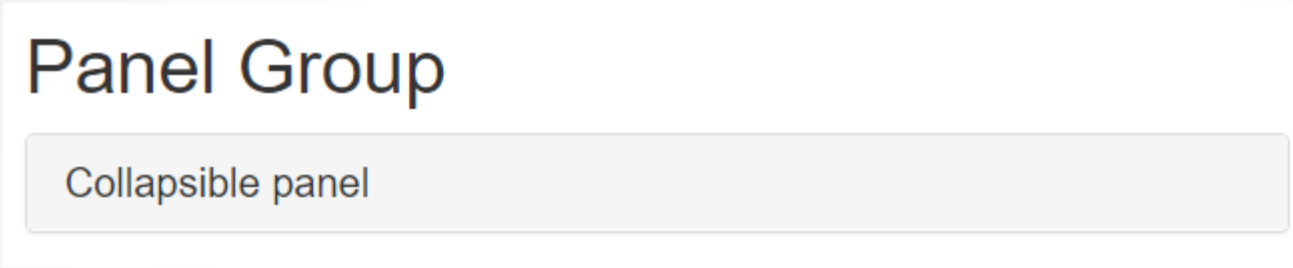
Bootstrap Collapse Code



Bootstrap Collapse Code

```
<h2>Collapse Style 1 : collapse</h2>
  <button data-toggle="collapse" data-target="#demo1">Collapsible</button>
   <div id="demo1" class="collapse">
   Lorem ipsum dolor sit amet, consectetur adipisicing elit,
   sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
   quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
   </div>

   <h2>Collapse Style 2 : collapse in </h2>
   <button type="button" class="btn btn-info" data-toggle="collapse" data-target="#demo2">Simple collapsible : collapse in</button>
   <div id="demo2" class="collapse in">
   Lorem ipsum dolor sit amet, consectetur adipisicing elit,
   sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
   quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
   </div>
```

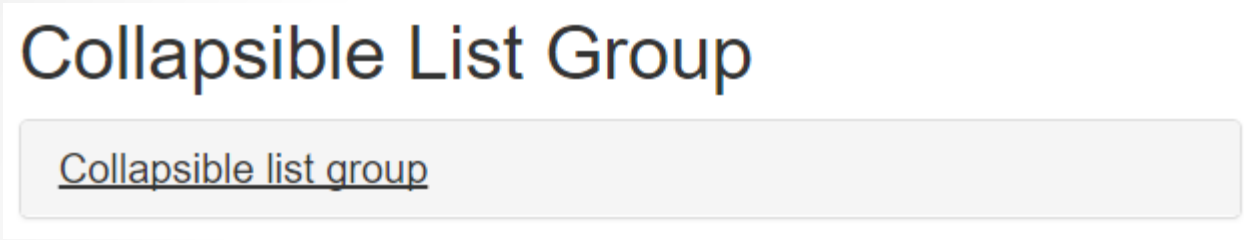
Bootstrap Collapse Code

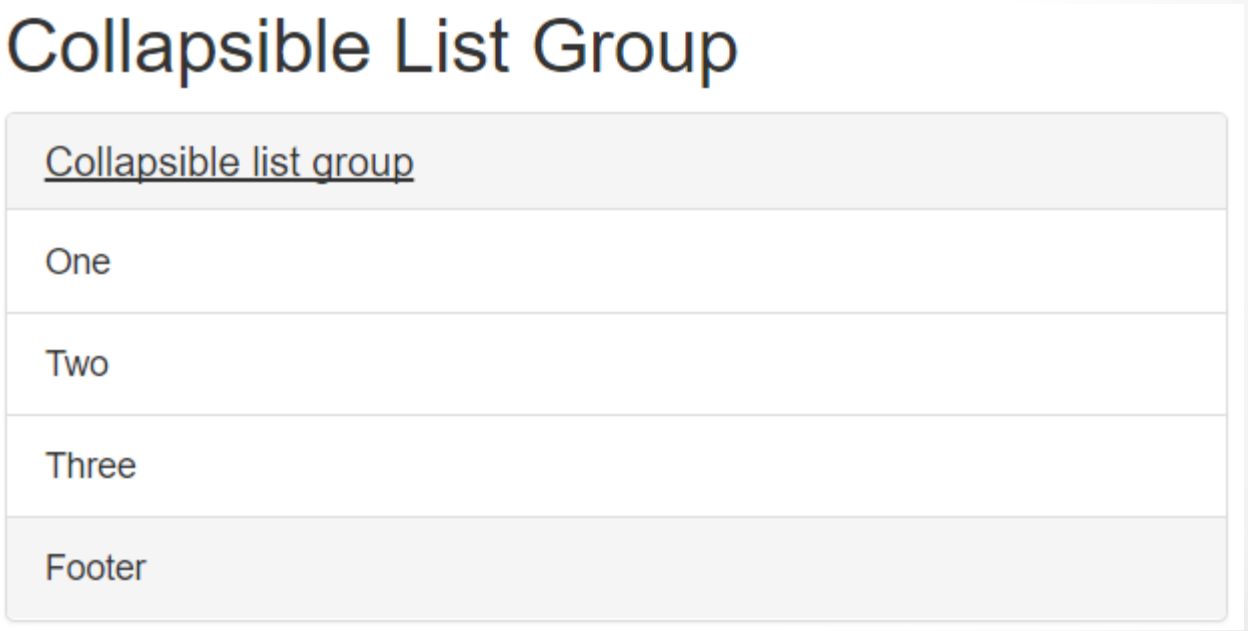


Bootstrap Collapse Code

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

    <div class="panel panel-default">
      <div class="panel-heading">
        <h4 class="panel-title">
          <a data-toggle="collapse" href="#collapse1">Collapsible panel</a>
        </h4>
      </div>

      <div id="collapse1" class="panel-collapse collapse">
        <div class="panel-body">Panel Body</div>
        <div class="panel-footer">Panel Footer</div>
      </div>
    </div>

</div>
```

Bootstrap Collapse Code

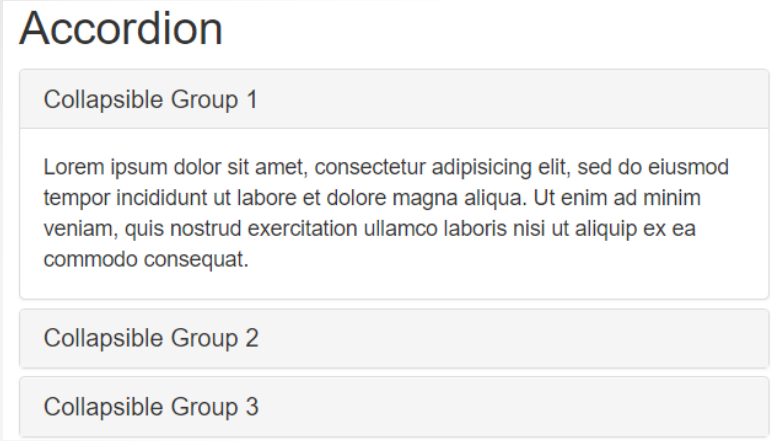


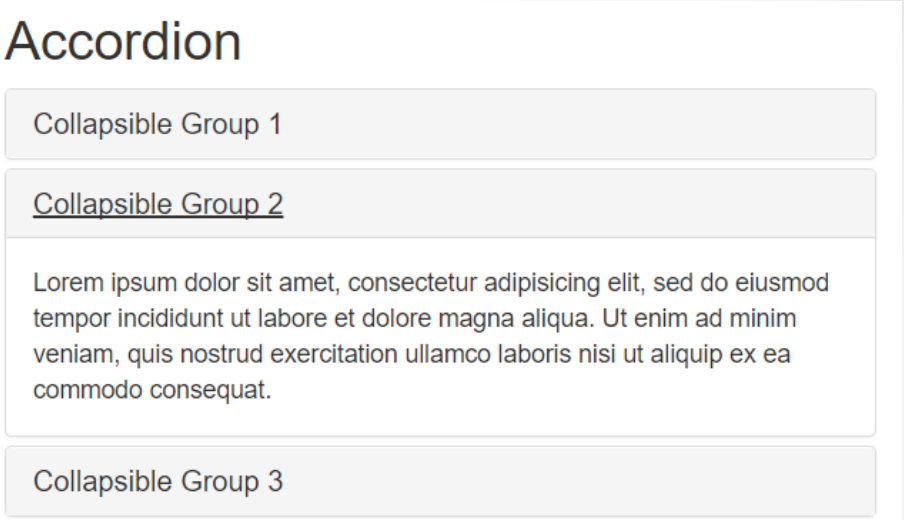


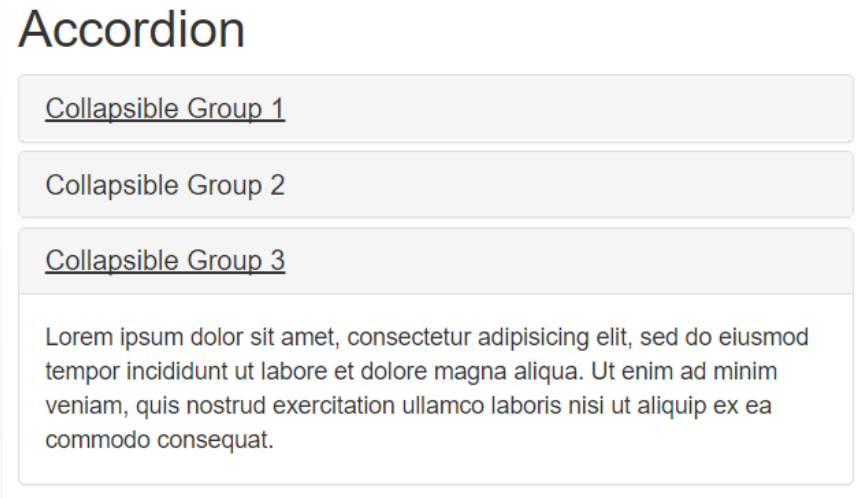
Bootstrap Collapse Code

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

    <div class="panel panel-default">

      <div class="panel-heading">
        <h4 class="panel-title">
          <a data-toggle="collapse" href="#collapseA">Collapsible list group</a>
        </h4>
      </div>

      <div id="collapseA" class="panel-collapse collapse">
        <ul class="list-group">
          <li class="list-group-item">One</li>
          <li class="list-group-item">Two</li>
          <li class="list-group-item">Three</li>
        </ul>
        <div class="panel-footer">Footer</div>
      </div>

    </div>

</div>
```

Bootstrap Collapse Code







Bootstrap Collapse Code

```
<h2>Accordion</h2>
<div class="panel-group" id="accordion">

  <div class="panel panel-default">
    <div class="panel-heading">
      <h4 class="panel-title">
        <a data-toggle="collapse" data-parent="#accordion" href="#collapseX">
        Collapsible Group 1</a>
      </h4>
    </div>

    <div id="collapseX" class="panel-collapse collapse in">
      <div class="panel-body">Lorem ipsum dolor sit amet, consectetur adipisicing elit,
      sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
      minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
      commodo consequat.</div>
    </div>
  </div>
```

Bootstrap Collapse Code

```
<div class="panel panel-default">
      <div class="panel-heading">
        <h4 class="panel-title">
          <a data-toggle="collapse" data-parent="#accordion" href="#collapseY">
          Collapsible Group 2</a>
        </h4>
      </div>
      <div id="collapseY" class="panel-collapse collapse">
        <div class="panel-body">Lorem ipsum dolor sit amet, consectetur adipisicing elit,
        sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
        minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
        commodo consequat.</div>
      </div>
    </div>
```

Bootstrap Collapse Code

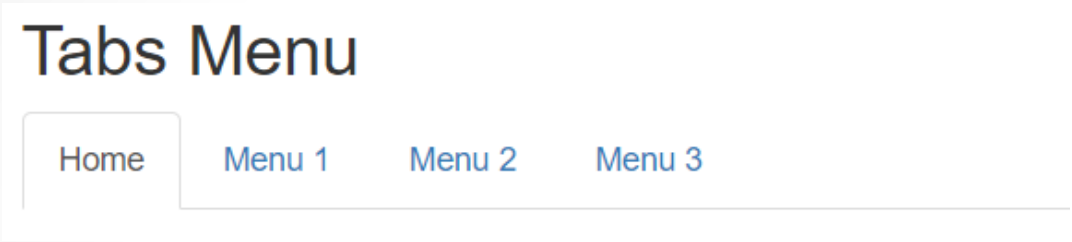
```
<div class="panel panel-default">
    <div class="panel-heading">
      <h4 class="panel-title">
        <a data-toggle="collapse" data-parent="#accordion" href="#collapseZ">
        Collapsible Group 3</a>
      </h4>
    </div>
    <div id="collapseZ" class="panel-collapse collapse">
      <div class="panel-body">Lorem ipsum dolor sit amet, consectetur adipisicing elit,
      sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
      minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
      commodo consequat.</div>
    </div>
  </div>
</div>
```

Bootstrap Tabs / Pills

Bootstrap Tabs/Pills Classes

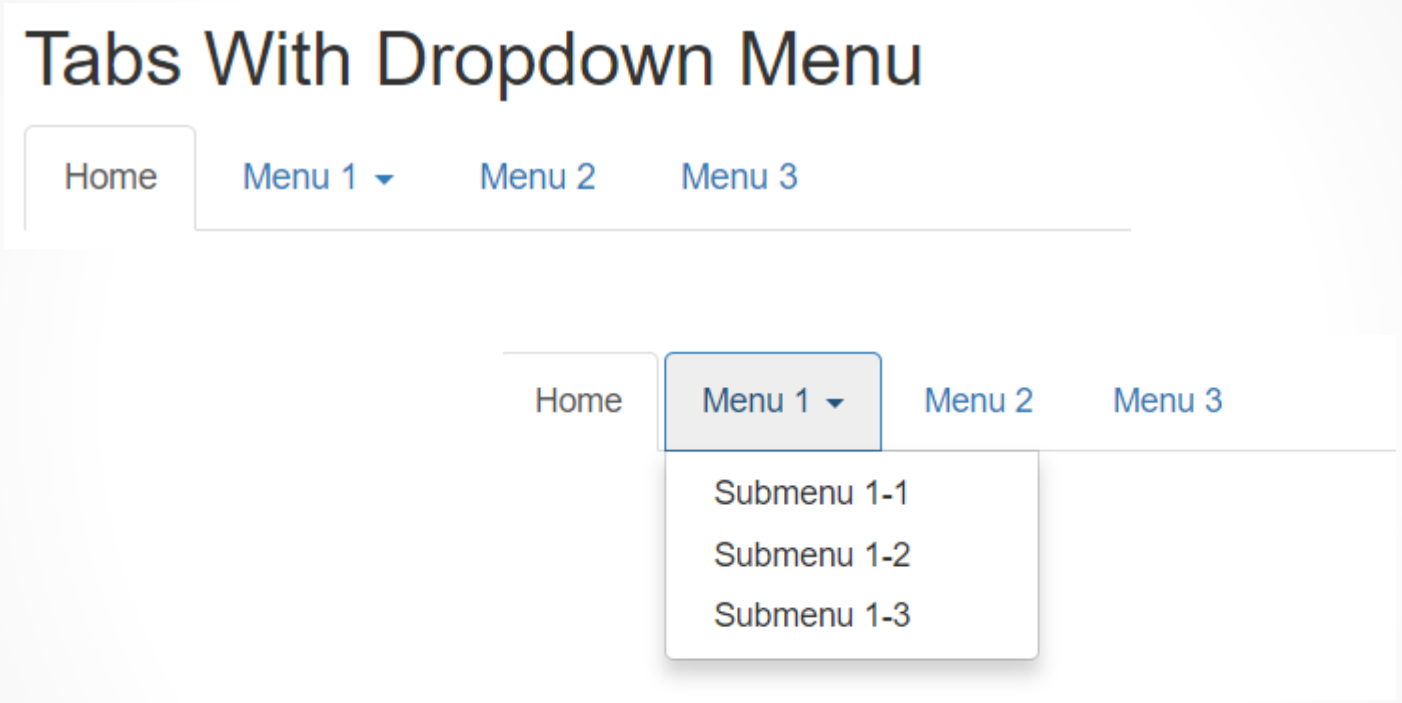
.nav nav-tabs	Indicates a tabbed menu
.nav nav-pills	Indicates a pill menu
.nav-justified	Centers tabs/pills. Note that on screens smaller than 768px the items are stacked (content will remain centered)
.nav-stacked	Vertically stack tabs or pills
.nav-tabs	Creates a tabbed menu
.tab-content	Used together with .tab-pane to creates toggleable/dynamic ta bs/pills
.tab-pane	Together with .tab-content and data-toggle="tab", it makes the tab toggleable

Bootstrap Tabs/Pills Code




```
<h2>Tabs Menu</h2>
<ul class="nav nav-tabs">
    <li class="active"><a href="#">Home</a></li>
    <li><a href="#">Menu 1</a></li>
    <li><a href="#">Menu 2</a></li>
    <li><a href="#">Menu 3</a></li>
</ul>
```

Bootstrap Tabs/Pills Code

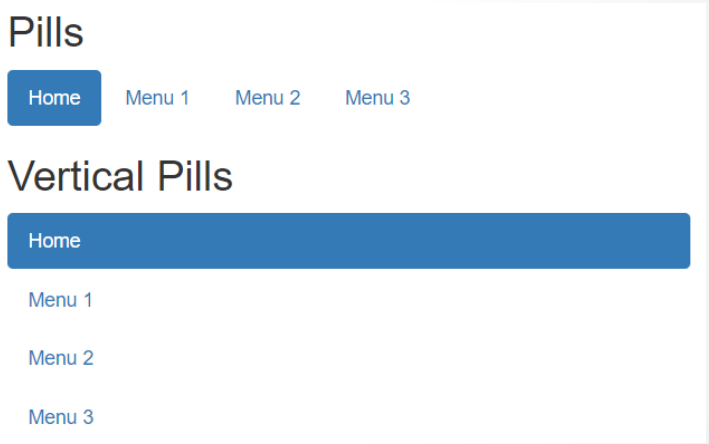


Bootstrap Tabs/Pills Code

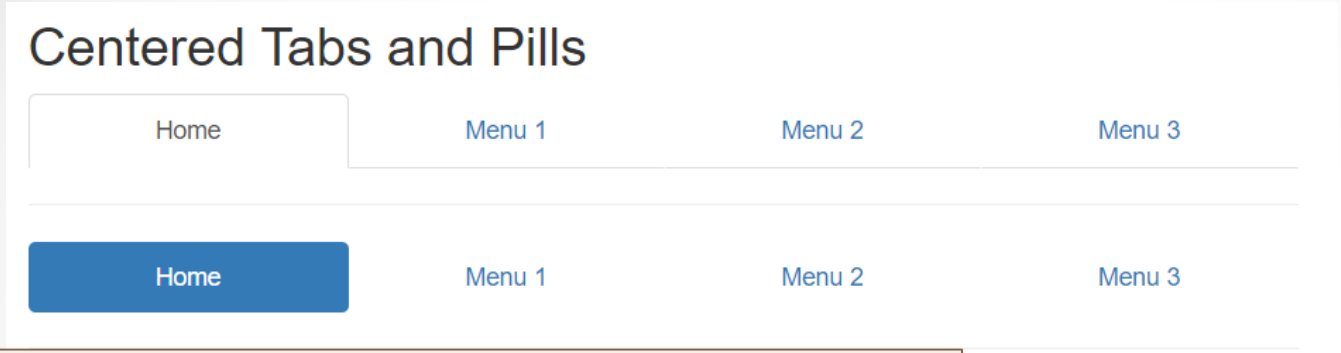
```
<h2>Tabs With Dropdown Menu</h2>
  <ul class="nav nav-tabs">
    <li class="active"><a href="#">Home</a></li>

    <li class="dropdown">
      <a class="dropdown-toggle" data-toggle="dropdown" href="#">Menu 1
      <span class="caret"></span></a>
      <ul class="dropdown-menu">
        <li><a href="#">Submenu 1-1</a></li>
        <li><a href="#">Submenu 1-2</a></li>
        <li><a href="#">Submenu 1-3</a></li>
      </ul>
    </li>

    <li><a href="#">Menu 2</a></li>
    <li><a href="#">Menu 3</a></li>
  </ul>
```

Bootstrap Tabs/Pills Code

```
<h2>Pills</h2>
 <ul class="nav nav-pills">
   <li class="active"><a href="#">Home</a></li>
   <li><a href="#">Menu 1</a></li>
   <li><a href="#">Menu 2</a></li>
   <li><a href="#">Menu 3</a></li>
 </ul>

 <h2>Vertical Pills</h2>
 <ul class="nav nav-pills nav-stacked">
   <li class="active"><a href="#">Home</a></li>
   <li><a href="#">Menu 1</a></li>
   <li><a href="#">Menu 2</a></li>
   <li><a href="#">Menu 3</a></li>
 </ul>
```



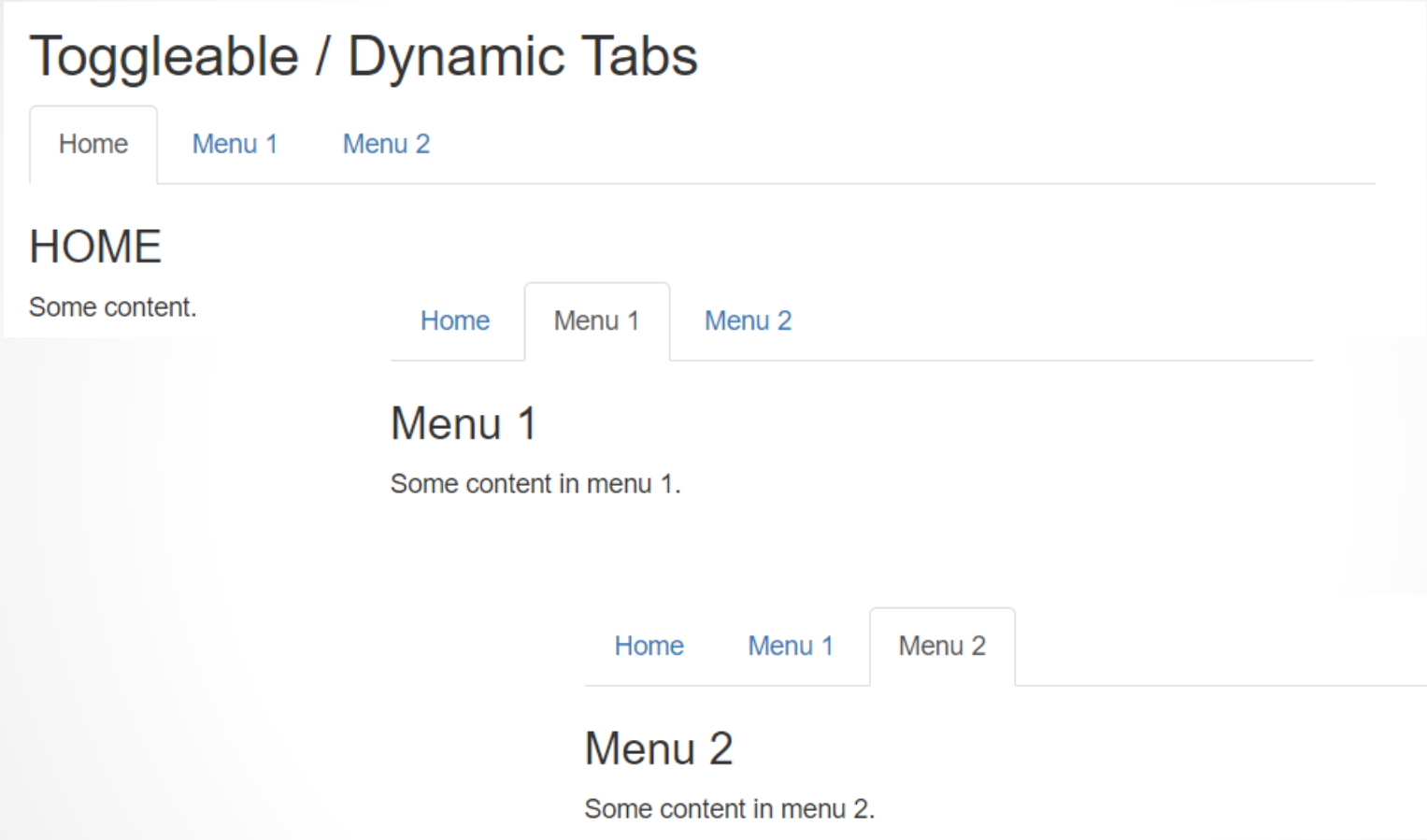
Bootstrap Tabs/Pills Code




```
<!-- Centered Tabs -->
<ul class="nav nav-tabs nav-justified">
  <li class="active"><a href="#">Home</a></li>
  <li><a href="#">Menu 1</a></li>
  <li><a href="#">Menu 2</a></li>
  <li><a href="#">Menu 3</a></li>
</ul>
```

```
<!-- Centered Pills -->
   <ul class="nav nav-pills nav-justified">
     <li class="active"><a href="#">Home</a></li>
     <li><a href="#">Menu 1</a></li>
     <li><a href="#">Menu 2</a></li>
     <li><a href="#">Menu 3</a></li>
   </ul>
```

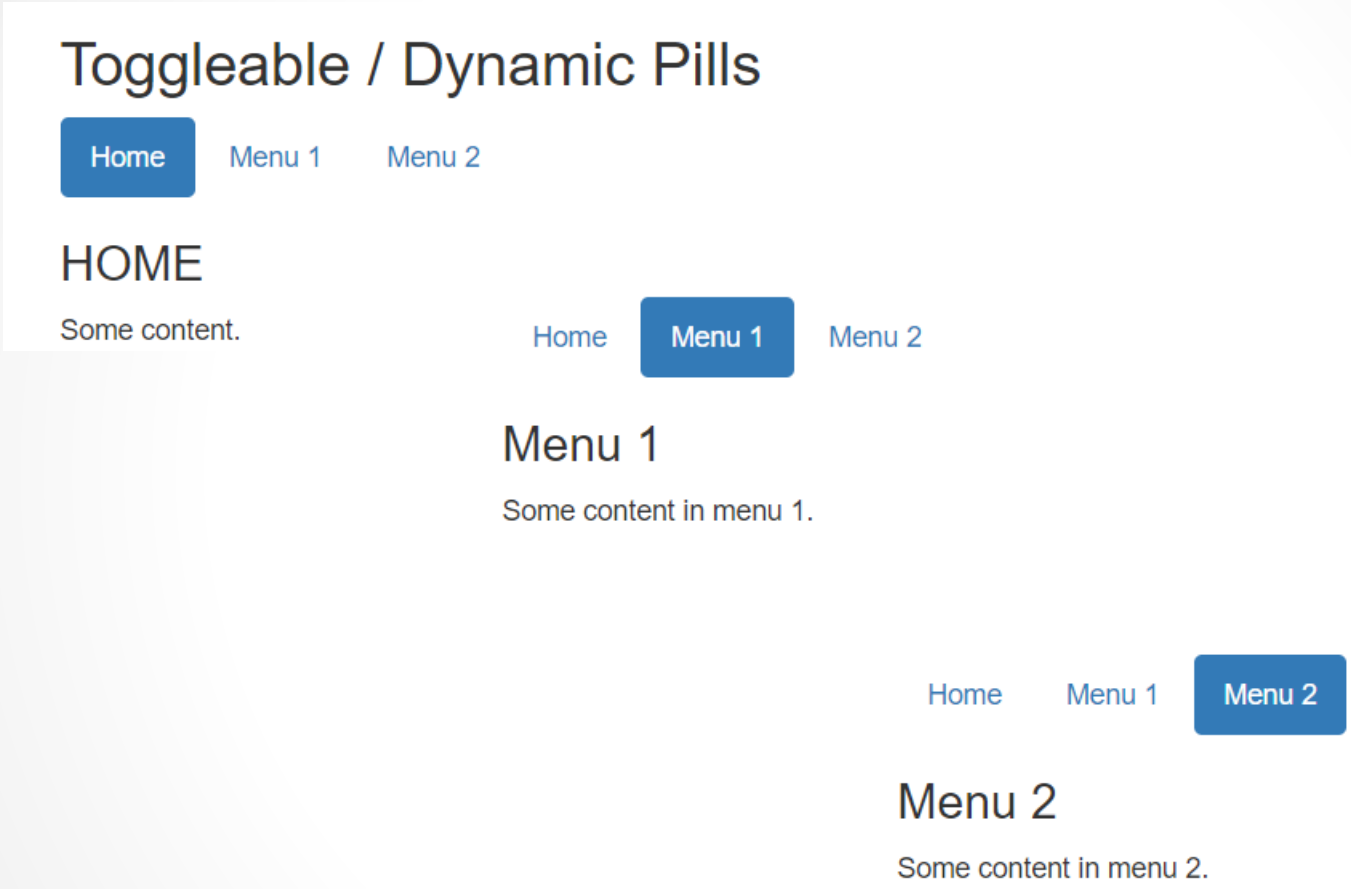
Bootstrap Tabs/Pills Code



Bootstrap Tabs/Pills Code

```
<h2>Toggleable / Dynamic Tabs</h2>
  <ul class="nav nav-tabs">
    <li class="active"><a data-toggle="tab" href="#home">Home</a></li>
    <li><a data-toggle="tab" href="#menu1">Menu 1</a></li>
    <li><a data-toggle="tab" href="#menu2">Menu 2</a></li>
  </ul>

  <div class="tab-content">
    <div id="home" class="tab-pane fade in active">
      <h3>HOME</h3>
      <p>Some content.</p>
    </div>
    <div id="menu1" class="tab-pane fade">
      <h3>Menu 1</h3>
      <p>Some content in menu 1.</p>
    </div>
    <div id="menu2" class="tab-pane fade">
      <h3>Menu 2</h3>
      <p>Some content in menu 2.</p>
    </div>
  </div>
```

Bootstrap Tabs/Pills Code



Bootstrap Tabs/Pills Code

```
<h2>Toggleable / Dynamic Pills</h2>
<ul class="nav nav-pills">
  <li class="active"><a data-toggle="pill" href="#homeC">Home</a></li>
  <li><a data-toggle="pill" href="#menu1C">Menu 1</a></li>
  <li><a data-toggle="pill" href="#menu2C">Menu 2</a></li>
</ul>

<div class="tab-content">
  <div id="homeC" class="tab-pane fade in active">
    <h3>HOME</h3>
    <p>Some content.</p>
  </div>
  <div id="menu1C" class="tab-pane fade">
    <h3>Menu 1</h3>
    <p>Some content in menu 1.</p>
  </div>
  <div id="menu2C" class="tab-pane fade">
    <h3>Menu 2</h3>
    <p>Some content in menu 2.</p>
  </div>
</div>
```

Bootstrap Navigation Bar

Bootstrap Navigation Bar Classes

.navbar	Creates a navigation bar
.navbar-brand	Added to a link or a header element inside the navbar to re present a logo or a header
.navbar-btn	Vertically aligns a button inside a navbar
.navbar-collapse	Collapses the navbar (hidden and replaced with a menu/ha mburger icon on mobile phones and small tablets)
.navbar-default	Creates a default navigation bar (light-grey background co lor)
.navbar-fixed-bottom	Makes the navbar stay at the bottom of the screen (sticky/fi xed)
.navbar-fixed-top	Makes the navbar stay at the top of the screen (sticky/fixed)
.navbar-form	Added to form elements inside the navbar to vertically cen ter them (proper padding)

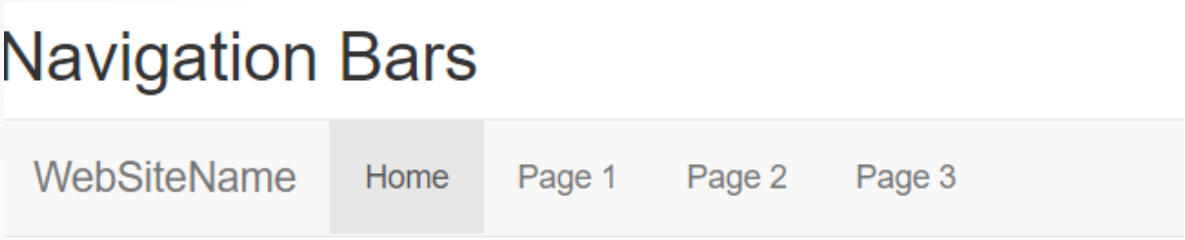
Bootstrap Navigation Bar Classes

.navbar-header	Added to a container element that contains the link/element th at represent a logo or a header
.navbar-inverse	Creates a black navigation bar (instead of light-grey)
.navbar-left	Aligns nav links, forms, buttons, or text, in the navbar to the le ft
.navbar-link	Styles an element to look like a link inside the navbar (anchors get proper padding and an underline on hover, while other ele ments like p or span gets a default hover effect - white color in an inversed navbar and a black color in a default navbar)
.navbar-nav	Used on a <ul> container that contains the list items with links inside a navigation bar

Bootstrap Navigation Bar Classes

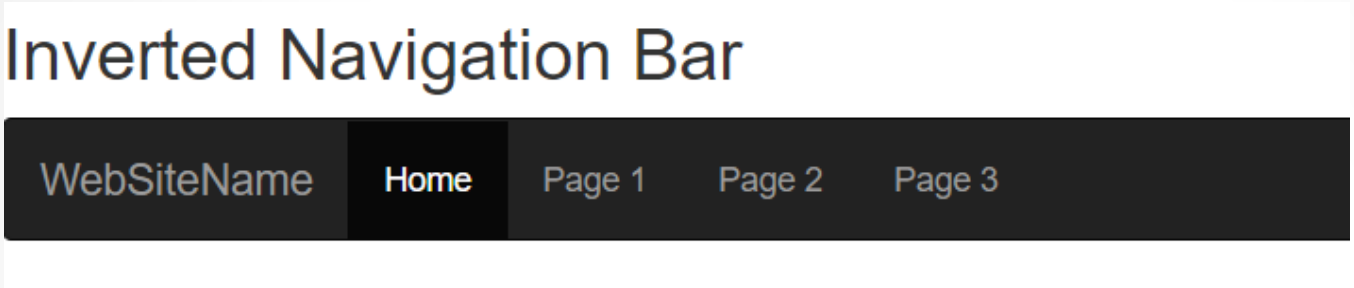
.navbar-right	Aligns nav links, forms, buttons, or text in the navbar to t he right.
.navbar-static-top	Removes left, top and right borders (rounded corners) fro m the navbar (default navbar has a gray border and a 4px border-radius by default)
.navbar-text	Vertical align any elements inside the navbar that are not l inks (ensures proper padding)
.navbar-toggle	Styles the button that should open the navbar on small scr eens. Often used together with three .icon-bar classes to in dicate a toggleable menu icon (hamburger/bars)

Bootstrap Navigation Bar Code



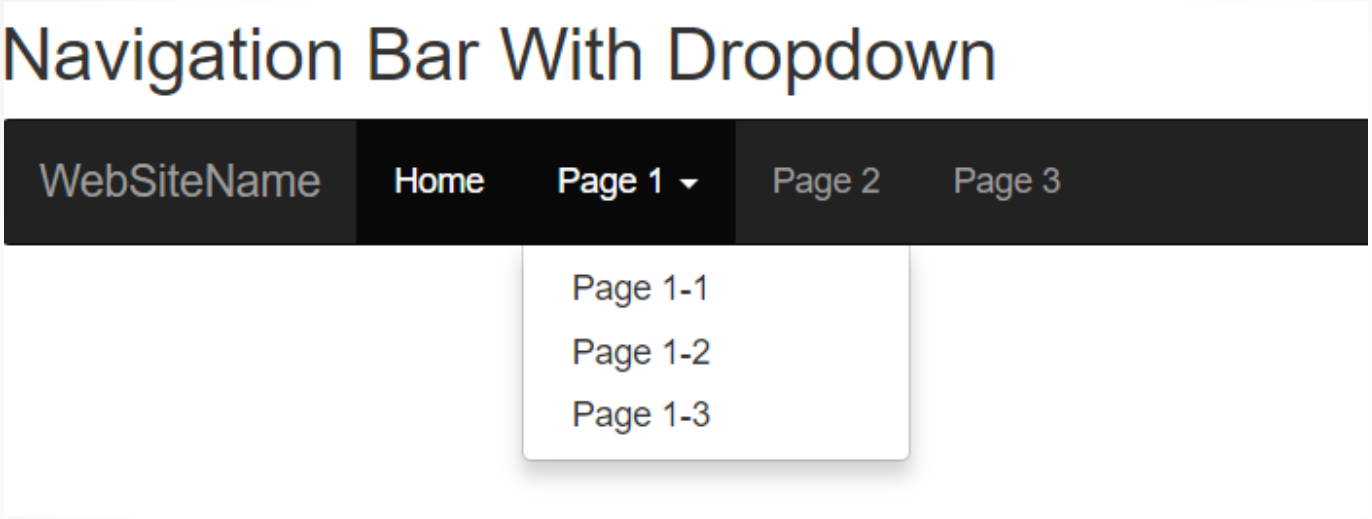

```
<nav class="navbar navbar-default">
   <div class="container-fluid">
    <div class="navbar-header">
     <a class="navbar-brand" href="#">WebSiteName</a>
    </div>
    <ul class="nav navbar-nav">
     <li class="active"><a href="#">Home</a></li>
     <li><a href="#">Page 1</a></li>
     <li><a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

Bootstrap Navigation Bar Code




```
<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <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>
  </div>
</nav>
```

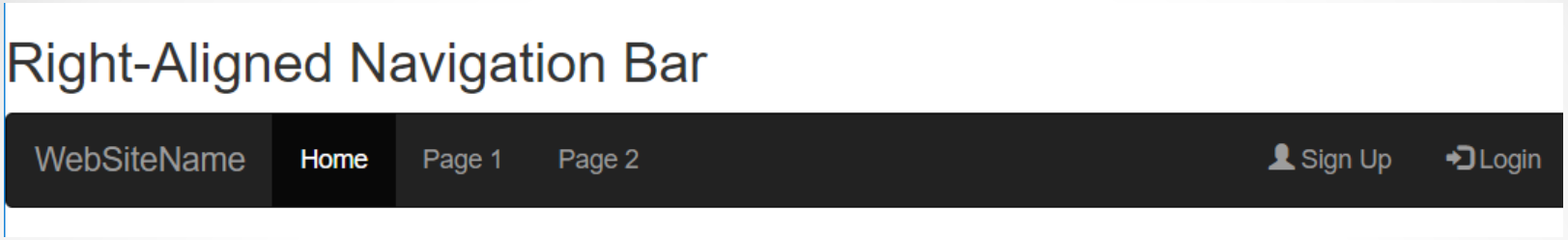
Bootstrap Navigation Bar Code



Bootstrap Navigation Bar Code

```
<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <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
        <span class="caret"></span></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>
      <li><a href="#">Page 3</a></li>
    </ul>
  </div>
</nav>
```

Bootstrap Navigation Bar Code

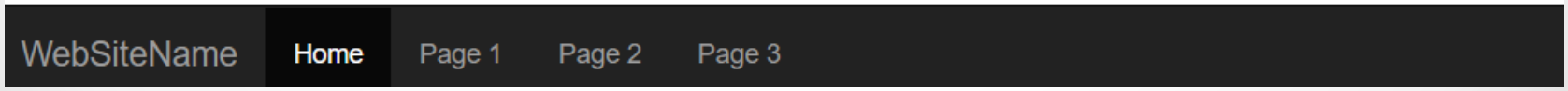



```
<nav class="navbar navbar-inverse">
 <div class="container-fluid">
  <div class="navbar-header">
   <a class="navbar-brand" href="#">WebSiteName</a>
  </div>
  <ul class="nav navbar-nav">
   <li class="active"><a href="#">Home</a></li>
   <li><a href="#">Page 1</a></li>
   <li><a href="#">Page 2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

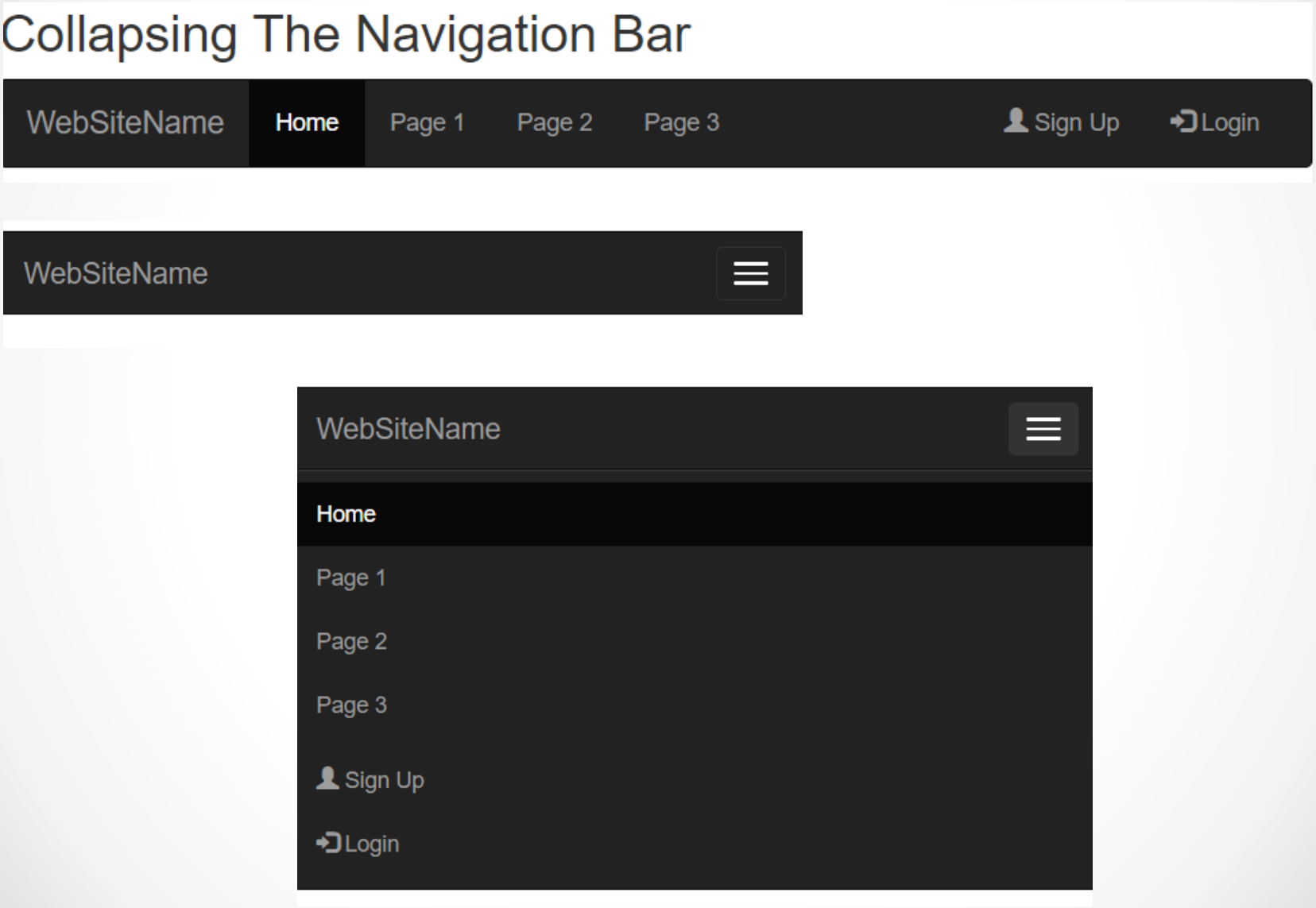
Bootstrap Navigation Bar Code

```
<h2>Fixed Navigation Bar</h2>
<nav class="navbar navbar-inverse navbar-fixed-bottom">
  <div class="container-fluid">
    <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>
  </div>
```

.navbar-fixed-top
.navbar-fixed-bottom



Bootstrap Navigation Bar Code



Bootstrap Navigation Bar Code

```
<nav class="navbar navbar-inverse">
  <div class="container-fluid">

    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="#">WebSiteName</a>
    </div>
```

Bootstrap Navigation Bar Code

```
<div class="collapse navbar-collapse" id="myNavbar">
      <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>
      <ul class="nav navbar-nav navbar-right">
        <li><a href="#"><span class="glyphicon glyphicon-user"></span> Sign
Up</a></li>
        <li><a href="#"><span class="glyphicon glyphicon-log-in"></span>
Login</a></li>
      </ul>
    </div>
  </div>
</nav>
```

Bootstrap Carousel

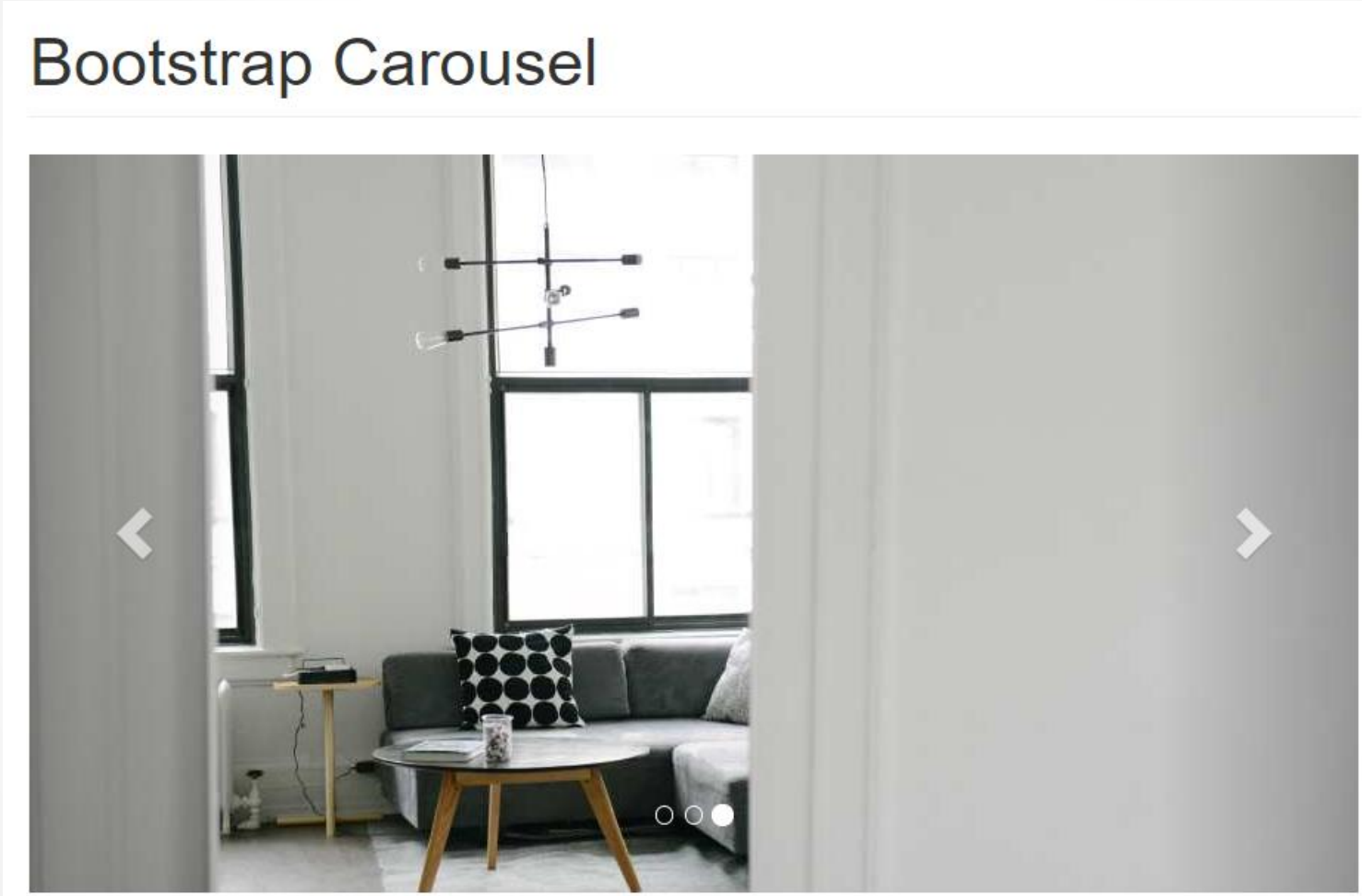
Bootstrap Carousel Classes

.carousel	Creates a carousel
.slide	Adds a CSS transition and animation effect when sliding from one item to the next. Remove this class if you do not want this effect
.carousel-indicators	Adds indicators for the carousel. These are the little dots at the bottom of each slide (which indicates how many sli des there are in the carousel, and which slide the user are currently viewing)
.carousel-inner	Adds slides to the carousel
.icon-next	Unicode icon (arrow pointing right), used in carousels. T his is often used instead of a glyphicon
.icon-prev	Unicode icon (arrow pointing left), used in carousels. Thi s is often used instead of a glyphicon
.item	Specifies the content of each slide

Bootstrap Carousel Classes

.left carousel-control	Adds a left button to the carousel, which allows the use r to go back between the slides
.right carousel-control	Adds a right button to the carousel, which allows the us er to go forward between the slides
.carousel-caption	Specifies a caption for the carousel

Bootstrap Carousel Code



Bootstrap Carousel Code

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

  <!-- Indicators -->
  <ol class="carousel-indicators">
    <li data-target="#myCarousel" data-slide-to="0" class="active"></li>
    <li data-target="#myCarousel" data-slide-to="1"></li>
    <li data-target="#myCarousel" data-slide-to="2"></li>
  </ol>
```

Bootstrap Carousel Code

```
<!-- Wrapper for slides -->
<div class="carousel-inner">
  <div class="item active">
    <img src="images/bedroom.jpg" alt="bedroom">
    <div class="carousel-caption">
    <h3>SubTilte1</h3>
     <p>The atmosphere in Chania has a touch of Florence
    and Venice.</p>
    </div>
  </div>
```

Bootstrap Carousel Code

```
 <div class="item">
    <img src="images/livingroom.jpg" alt="livingroom">
     <div class="carousel-caption">
                <h3>SubTilte1</h3>
                 <p>The atmosphere in Chania has a touch of Florence
     and Venice.</p>
     </div>
</div>

<div class="item">
    <img src="images/livingroom2.jpg" alt="livingroom">
     <div class="carousel-caption">
                <h3>SubTilte3</h3>
                <p>The atmosphere in Chania has a touch of Florence
     and Venice.</p>
     </div>
</div>

</div>
```

Bootstrap Carousel Code

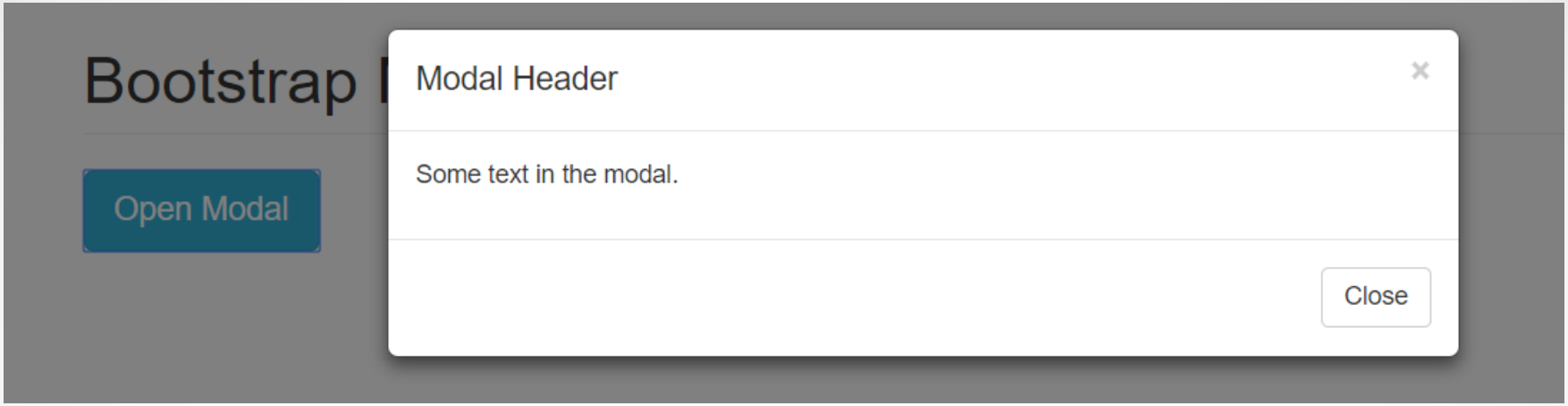
```
  <!-- Left and right controls -->
  <a class="left carousel-control" href="#myCarousel" data-
slide="prev">
    <span class="glyphicon glyphicon-chevron-left"></span>
    <span class="sr-only">Previous</span>
  </a>
  <a class="right carousel-control" href="#myCarousel" data-
slide="next">
    <span class="glyphicon glyphicon-chevron-right"></span>
    <span class="sr-only">Next</span>
  </a>
</div>
```

Bootstrap Modal

Bootstrap Modal Classes

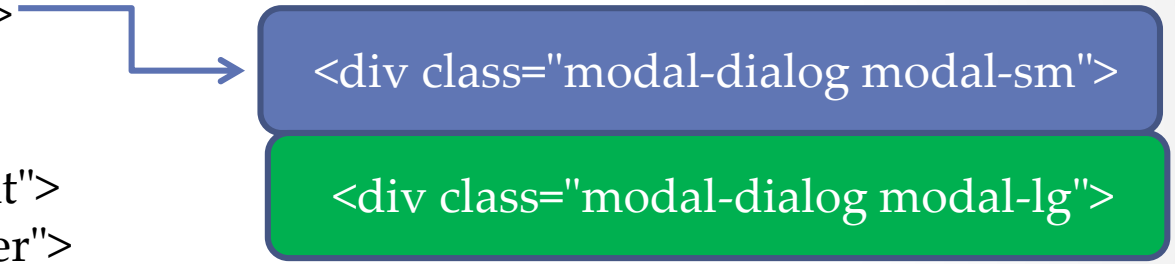
Class	Description
.modal	Creates a modal
.modal-content	Styles the modal properly with border, background-color, etc. Use this class to add the modal's header, body, and footer.
.modal-header	Defines the style for the header of the modal
.modal-body	Defines the style for the body of the modal
.modal-footer	Defines the style for the footer in the modal. Note: This area is right-aligned by default. To change this, overwrite CSS with text-align:left|center
.modal-sm	Specifies a small modal
.modal-lg	Specifies a large modal
.fade	Adds an animation/transition effect which fades the modal in and out

Bootstrap Modal Code



Bootstrap Modal Code

```
<!-- Trigger the modal with a button -->
  <button type="button" class="btn btn-info btn-lg" data-toggle="modal" data-
target="#myModal”>Open Modal</button>

  <!-- Modal -->
  <div id="myModal" class="modal fade" role="dialog">
    <div class="modal-dialog">

      <!-- Modal content-->
      <div class="modal-content">
        <div class="modal-header">
          <button type="button" class="close" data-dismiss="modal">&times;</button>
          <h4 class="modal-title">Modal Header</h4>
        </div>
        <div class="modal-body">
          <p>Some text in the modal.</p>
        </div>
```



Bootstrap Modal Code

```
<div class="modal-footer">
<button type="button" class="btn btn-default" data-dismiss="modal">Close</button>
</div>

</div>

   </div>
  </div>
```