

Bootstrap Course Material

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

Bootstrap is completely free to download and use!

(Download from <http://getbootstrap.com/>)

Bootstrap Grid:

In bootstrap grid system page is divided into 12 columns. Now if we want to create elements in a row we can create 12 elements each having width equivalent to 1 column. If we don't want to create 12 different elements rather 6 elements with width equivalent to 2 columns each we can do so, but the addition of the width should not exceed twelve columns.

BS grid can be further categorized into 4 different categories depending upon the screen size of the viewport(device):

1. Extra Small Screen (referred as xs in bs) Screen size < 768 pixels
2. Small Screen (referred as sm in bs) 768 pixels > Screen size < 991 pixels
3. Medium Screen (referred as md in bs) 992 pixels > Screen size < 1199 pixels
4. Large Screen (referred as lg in bs) Screen size < 1200 pixels

Rules of Bootstrap Grid System:

->For BS Grid we have to maintain a hierarchy that contents should be placed within columns, columns we will be immediate child of row, row should be placed within a container(fixed width) or container-fluid(full width).

->Total count of column width should not exceed 12.

->Predefined classes should be used like .container, .container-fluid, .row, .col-xs-*, .col-sm-*, .col-md-*, .col-lg-* where * refers to number between 1 to 12.

->Columns create gaps between column content via padding, these gaps are referred as gutters.

The following is the basic structure of grid system:

```
<div class="container">
<div class="row">
<div class="col-*-*"></div>
</div>
<div class="row">
<div class="col-*-*"></div>
<div class="col-*-*"></div>
<div class="col-*-*"></div>
</div>
<div class="row">
...
</div>
</div>
```

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Bootstrap Grid - Stacked to Horizontal

Suppose we have to display 2 divs having some content with equal width, when displaying it in smaller devices we will display it in stacked fashion (i.e. one below the other) while in medium and large devices we will display it horizontally. To do so we have to use the classes as specified in example below:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="css/bootstrap.min.css">
<script src="jquery.js"></script>
<script src="js/bootstrap.min.js"></script>
<body>

<div class="container">
<div class="row">
<div class="col-xs-12 col-sm-12 col-md-6 col-lg-6">Some content for div
1</div>
<div class="col-xs-12 col-sm-12 col-md-6 col-lg-6">Some content for div
2</div>
</div>
</div>

</body>
</html>
```

If the above example is viewed in extra small or small screen then the width of the column div will be 12 as class col-xs-12 and col-sm-12 is being applicable respectively and hence it will cover entire 12 columns and will be stacked whereas in medium and large screen col-md-6 and col-lg-6 is applicable respectively and hence each div takes width equivalent to 6 columns and gets aligned horizontally in one single row.

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Creating columns with uneven width:

Suppose now we have to create divs with uneven width we can do so as shown in below eg:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="css/bootstrap.min.css">
<script src="jquery.js"></script>
<script src="js/bootstrap.min.js"></script>
<body>

<div class="container">
<div class="row">
<div class="col-xs-12 col-sm-12 col-md-3 col-lg-3">Some content for div
1</div>
<div class="col-xs-12 col-sm-12 col-md-9 col-lg-9">Some content for div
2</div>
</div>
</div>

</body>
</html>
```

In this example for xs and sm screen size the divs will get stacked again but for md and lg screen size first div will have width equivalent to 3 columns and second div will have width equivalent to 9 columns.

Like wise you are allowed to create as many column div you wish provided the number add upto 12.

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Bootstrap Tables:

.table class to <table> adds a light padding and horizontal dividers

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Basic Table</h2>
<p>The .table class adds basic styling (light padding and only horizontal
dividers) to a table:</p>
<table class="table">
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Google</td>
<td>google@gmail.com</td>
</tr>
<tr>
<td>2</td>
<td>facebook</td>
<td>facebook@fb.com</td>
</tr>
<tr>
<td>3</td>
<td>twitter</td>
<td>twitter@tweet.com</td>
</tr>
</tbody>
</table>
</div>
```

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

Striped Rows:

Now if we wish to have striped rows in our table we have to use `.table-striped` class along with `.table` class

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Striped Rows</h2>
<p>The .table-striped class adds zebra-stripes to a table:</p>
<table class="table table-striped">
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Google</td>
<td> google@gmail.com </td>
</tr>
<tr>
<td>2</td>
<td> facebook </td>
<td>facebook@fb.com</td>
</tr>
<tr>
<td>3</td>
<td>twitter</td>
<td>twitter@tweet.com</td>
</tr>
</tbody>
</table>
```

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```
</div>
```

```
</body>
```

```
</html>
```

Bordered Table:

Applying borders to table could be done by simply adding `.table-bordered` class. It adds border to all sides of a table and cells:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Bordered Table</h2>
<p>The .table-bordered class adds borders to a table:</p>
<table class="table table-bordered">
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Email</th></tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Google</td>
<td>google@gmail.com</td>
</tr>
<tr>
<td>2</td>
<td>facebook</td>
<td>facebook@fb.com</td>
</tr>
<tr>
<td>3</td>
<td>twitter</td>
<td>twitter@tweet.com</td>
</tr>
</tbody>
```

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```
</table>
</div>
```

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

Hover Rows :

If we want to a row to get highlighted on mouse hover we must apply .table-hover class:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Hover Rows</h2>
<p>The .table-hover class enables a hover state on table rows:</p>
<table class="table table-hover">
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Google</td>
<td>google@gmail.com</td>
</tr>
<tr>
<td>2</td>
<td>facebook</td>
<td>facebook@fb.com</td>
</tr>
<tr>
<td>3</td>
<td>twitter</td>
<td>twitter@tweet.com</td>
```

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```
</tr>
</tbody>
</table>
</div>
```

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

Condensed Table:

The `.table-condensed` class makes a table more compact by cutting cell padding in half:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Condensed Table</h2>
<p>The .table-condensed class makes a table more compact by cutting cell
padding in half:</p>
<table class="table table-condensed">
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Google</td>
<td>google@gmail.com</td>
</tr>
<tr>
<td>2</td>
<td>facebook</td>
<td>facebook@fb.com</td>
</tr>
```


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```
<tr>
<td>3</td>
<td>twitter</td>
<td>twitter@tweet.com</td>
</tr>
</tbody>
</table>
</div>

</body>
</html>
```

Contextual Classes:

Contextual classes can be used to color table rows (<tr>) or table cells (<td>). It can be used to specify what the row content actually represents.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Contextual Classes</h2>
<p>Contextual classes can be used to color table rows or table cells. The
classes that can be used are: .active, .success, .info, .warning, and
.danger.</p>
<table class="table">
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr class="success">
<td>1</td>
<td>Google</td>
<td>google@gmail.com</td>
```

```
</tr>
<tr class="danger">
<td>2</td>
<td>facebook</td>
<td>facebook@fb.com</td>
</tr>
<tr class="info">
<td>3</td>
<td>twitter</td>
<td>twitter@tweet.com</td>
</tr>
</tbody>
</table>
</div>

</body>
</html>
```

The contextual classes that can be used are:

Class Description:

.active	Applies the hover color to the table row or table cell
.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

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BS Images:

Rounded Corners:

Adding .img-rounded class adds rounded corners to an image (IE8 do not support rounded corners):

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Rounded Corners</h2>
<p>The .img-rounded class adds rounded corners to an image (not available
in IE8):</p>

</div>

</body>
</html>
```

Circle:

If we want to display a image in a circular fashion we have to use .img-circle class. It shapes the image to a circle (IE8 do not support rounded corners):

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
```

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```
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Circle</h2>
<p>The .img-circle class shapes the image to a circle (not available in
IE8):</p>

</div>

</body>
</html>
```

Thumbnail:

Suppose we want display image as a thumbnail .img-thumbnail class provides us the facility to do so:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Thumbnail</h2>
<p>The .img-thumbnail class creates a thumbnail of the image:</p>

</div>

</body>
</html>
```

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Responsive Images:

Images comes in all sizes. So do screens. Responsive images automatically adjust to fit the size of the screen.

Create responsive images by adding an `.img-responsive` class to the `` tag. The image will then scale nicely to the parent element.

The `.img-responsive` class applies `max-width: 100%;` and `height: auto;` to the image:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Image</h2>
<p>The .img-responsive class makes the image scale nicely to the parent
element (resize the browser window to see the effect):</p>

</div>

</body>
</html>
```

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Image Gallery:

You can also use Bootstrap's grid system along with the `.thumbnail` class to create an image gallery:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Image Gallery</h2>
<p>The .thumbnail class can be used to display an image gallery. Click on
the images to see it in full size:</p>
<div class="row">
<div class="col-md-4">
<a href="image/Tulips.jpg" class="thumbnail">


</a>
</div>
<div class="col-md-4">
<a href=" image/Tulips.jpg " class="thumbnail">

</a>
</div>
<div class="col-md-4">
<a href="image/Tulips.jpg" class="thumbnail">


</a>
</div>
</div>
</div>
</div>

</body>
</html>
```

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Responsive Embeds:

Also let videos or slideshows scale properly on any device.

Classes can be applied directly to <iframe>, <embed>, <video>, and <object> elements.

Adding .embed-responsive-item class to an <iframe> tag makes the video scale nicely to the parent element.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Responsive Embed</h2>
<div class="embed-responsive embed-responsive-16by9">
<iframe class="embed-responsive-item"
src="http://www.youtube.com/embed/XGSy3_Czz8k"></iframe>
</div>
</div>

</body>
</html>
```

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BS Jumbotron:

Creating a Jumbotron:

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.

Tip: Inside a jumbotron you can put nearly any valid HTML, including other Bootstrap elements/classes.

Use a `<div>` element with class `.jumbotron` to create a jumbotron:

Jumbotron Inside Container:

Place the jumbotron inside the `<div class="container">` if you want the jumbotron to NOT extend to the edge of the screen:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<div class="jumbotron">
<h1>Bootstrap Tutorial</h1>
<p>Bootstrap is the most popular HTML, CSS, and JS framework for
developing responsive, mobile-first projects on the web.</p>
</div>
<p>This is some text.</p>
<p>This is another text.</p>
</div>

</body>
</html>
```


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Jumbotron Outside Container:

Place the jumbotron outside the `<div class="container">` if you want the jumbotron to extend to the screen edges:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="jumbotron">
<h1>This is a heading </h1>
<p>within JUMBOTRON</p>
</div>

<div class="container">
<p>This is some text outside JUMBOTRON.</p>
<p>This is another text outside JUMBOTRON.</p>
</div>

</body>
</html>
```

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BS Wells:

Wells:

The `.well` class adds a rounded border around an element with a gray background color and some padding:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Well</h2>
<div class="well">Basic Well</div>
</div>

</body>
</html>
```

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Well Size:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Well Size</h2>
<div class="well well-sm">Small Well</div>
<div class="well">Normal Well</div>
<div class="well well-lg">Large Well</div>
</div>

</body>
</html>
```

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BS Alerts:

Alerts:

Creating responsive and attractive alerts in bootstrap can be done by using .alert class.

For making alert more informative we can also use contextual classes like .alert-success, .alert-info, .alert-warning or .alert-danger:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Alerts</h2>
<div class="alert alert-success">
<strong>Success!</strong> This alert box could indicate a successful or
positive action.
</div>
<div class="alert alert-info">
<strong>Info!</strong> This alert box could indicate a neutral
informative change or action.
</div>
<div class="alert alert-warning">
<strong>Warning!</strong> This alert box could indicate a warning that
might need attention.
</div>
<div class="alert alert-danger">
<strong>Danger!</strong> This alert box could indicate a dangerous or
potentially negative action.
</div>
</div>

</body>
</html>
```

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Closing Alerts:

To close the alert we have created we have to add class="close" and data-dismiss="alert" to a anchor or button element:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Alerts</h2>
<p>The a element with class="close" and data-dismiss="alert" is used to
close the alert box.</p>
<div class="alert alert-success">
<a href="#" class="close" data-dismiss="alert" aria-
label="close">&times;</a>
    Alert box with success intimation
</div>
<div class="alert alert-info">
<a href="#" class="close" data-dismiss="alert" aria-
label="close">&times;</a>
    Alert box with some information
</div>
<div class="alert alert-warning">
<a href="#" class="close" data-dismiss="alert" aria-
label="close">&times;</a>
    Alert box with warning information
</div>
<div class="alert alert-danger">
<a href="#" class="close" data-dismiss="alert" aria-
label="close">&times;</a>
    Alert intimating something danger
</div>
</div>

</body>
</html>
```

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Animated Alerts:

The `.fade` and `.in` classes adds a fading effect when closing the alert message:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Alerts</h2>
<p>The .fade and .in classes adds a fading effect when closing the alert
message.</p>
<div class="alert alert-success fade in">
<a href="#" class="close" data-dismiss="alert" aria-
label="close">&times;</a>
    Alert box with success intimation
</div>
<div class="alert alert-info fade in">
<a href="#" class="close" data-dismiss="alert" aria-
label="close">&times;</a>
    Alert box with some information
</div>
<div class="alert alert-warning fade in">
<a href="#" class="close" data-dismiss="alert" aria-
label="close">&times;</a>
    Alert box with warning information
</div>
<div class="alert alert-danger fade in">
<a href="#" class="close" data-dismiss="alert" aria-
label="close">&times;</a>
<strong></strong> Alert intimating something danger
</div>
</div>

</body>
</html>
```

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BS Buttons:

Button Styles:

Bootstrap provides seven styles of buttons which could be achieved using the following classes:

```
.btn-default
.btn-primary
.btn-success
.btn-info
.btn-warning
.btn-danger
.btn-link

<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Button Styles</h2>
<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>
</div>

</body>
</html>
```

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The button classes can be used on an `<a>`, `<button>`, or `<input>` element:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Button Tags</h2>
<a href="#" class="btn btn-info" role="button">Link Button</a>
<button type="button" class="btn btn-info">Button</button>
<input type="button" class="btn btn-info" value="Input Button">
<input type="submit" class="btn btn-info" value="Submit Button">
</div>

</body>
</html>
```

Button Sizes:

Same as that of grid system button also has similar classes:

```
.btn-lg
.btn-md
.btn-sm
.btn-xs
```

The following example shows the code for different button sizes:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
```


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```
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Button Sizes</h2>
<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>
</div>

</body>
</html>
```

Active/Disabled Buttons:

To create a active and disabled button we have to use `.active` and `.disabled` respectively:

The class `.active` makes a button appear pressed/clicked, and the class `.disabled` makes a button unclickable:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
</script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Button States</h2>
<button type="button" class="btn btn-primary">Primary Button</button>
<button type="button" class="btn btn-primary active">Active
Primary</button>
<button type="button" class="btn btn-primary disabled">Disabled
Primary</button>
</div>

</body>
</html>
```

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BS Glyphicons:

Glyphicons:

Glyphicons are basically little symbols/icons that you can use in a webpage. They're implemented in Bootstrap as an icon font – a custom font that contains these glyphs instead of letters.

Bootstrap provides 200 glyphicons from the Glyphicons Halflings set.

Glyphicons can be used in text, buttons, toolbars, navigation, forms, etc.

Here are some examples of glyphicons:

Music glyphicon:

Print glyphicon:

Search glyphicon:

Download glyphicon:

Glyphicon Syntax:

A glyphicon is inserted with the following syntax:

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

The name part in the syntax above must be replaced with the proper name of the glyphicon.

Glyphicon Example:

The following example shows different ways to use glyphicons:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Glyphicon Examples</h2>
<p>Envelope icon: <span class="glyphicon glyphicon-music"></span></p>
<p>Envelope icon as a link:
```

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```
<a href="#"><span class="glyphicon glyphicon-music"></span></a>
</p>
<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>
<p>Search icon on a styled button:
<button type="button" class="btn btn-info">
<span class="glyphicon glyphicon-search"></span> Search
</button>
</p>
<p>Print icon: <span class="glyphicon glyphicon-print"></span></p>
<p>Print icon on a styled link button:
<a href="#" class="btn btn-success btn-lg">
<span class="glyphicon glyphicon-print"></span> Print
</a>
</p>
</div>

</body>
</html>
```

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BS Badges/Labels:

Badges :

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

for eg:
friends 5
notification 10
request 2

The numbers (5, 10, and 2) are the badges.

Use the .badge class within elements to create badges:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Badges</h2>
<a href="#">Friends <span class="badge">15</span></a><br>
<a href="#">Notification <span class="badge">110</span></a><br>
<a href="#">Request <span class="badge">21</span></a>
</div>

</body>
</html>
```

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Badges can also be used inside other elements, such as buttons:

Primary 7

The following example shows how to add badges to buttons:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Badges on Buttons</h2>
<button type="button" class="btn btn-primary">Primary <span
class="badge">7</span></button>
<button type="button" class="btn btn-success">Success <span
class="badge">3</span></button>
<button type="button" class="btn btn-danger">Danger <span
class="badge">5</span></button>
</div>

</body>
</html>
```

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Labels:

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:

The following example shows all contextual label classes:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Contextual Label Classes</h2>
<p>Contextual classes can be used to color the label.</p>
<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>
</div>

</body>
</html>
```

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BS Progress Bars:

Basic Progress Bar

A progress bar can be used to show a user how far along he/she is in a process.

Bootstrap provides several types of progress bars.

A default progress bar in Bootstrap looks like this:

70% Complete

To create a default progress bar, add a `.progress` class to a `<div>` element:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Basic Progress Bar</h2>
<div class="progress">
<div class="progress-bar" role="progressbar" aria-valuenow="70" aria-
valuemin="0" aria-valuemax="100" style="width:70%">
<span class="sr-only">70% Complete</span>
</div>
</div>
</div>

</body>
</html>
```

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Progress Bar With Label:

A progress bar with a label looks like this:

70%

Remove the `.sr-only` class from the progress bar to show a visible percentage:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Progress Bar With Label</h2>
<div class="progress">
<div class="progress-bar" role="progressbar" aria-valuenow="70" aria-
valuemin="0" aria-valuemax="100" style="width:70%">
  70%
</div>
</div>
</div>

</body>
</html>
```

Colored Progress Bars:

Contextual classes are used to provide "meaning through colors".

The contextual classes that can be used with progress bars are:

```
.progress-bar-success
.progress-bar-info
.progress-bar-warning
.progress-bar-danger
```

The following example shows how to create progress bars with the different contextual classes:

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```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Colored Progress Bars</h2>
<p>The contextual classes colors the progress bars:</p>
<div class="progress">
<div class="progress-bar progress-bar-success" role="progressbar" aria-
valuenow="40" aria-valuemin="0" aria-valuemax="100" style="width:40%">
    40% Complete (success)
</div>
</div>
<div class="progress">
<div class="progress-bar progress-bar-info" role="progressbar" aria-
valuenow="50" aria-valuemin="0" aria-valuemax="100" style="width:50%">
    50% Complete (info)
</div>
</div>
<div class="progress">
<div class="progress-bar progress-bar-warning" role="progressbar" aria-
valuenow="60" aria-valuemin="0" aria-valuemax="100" style="width:60%">
    60% Complete (warning)
</div>
</div>
<div class="progress">
<div class="progress-bar progress-bar-danger" role="progressbar" aria-
valuenow="70" aria-valuemin="0" aria-valuemax="100" style="width:70%">
    70% Complete (danger)
</div>
</div>
</div>

</body>
</html>
```

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Striped Progress Bars:

Progress bars can also be striped:

Add class `.progress-bar-striped` to add stripes to the progress bars:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Striped Progress Bars</h2>
<p>The .progress-bar-striped class adds stripes to the progress bars:</p>
<div class="progress">
<div class="progress-bar progress-bar-success progress-bar-striped"
role="progressbar" aria-valuenow="40" aria-valuemin="0" aria-
valuemax="100" style="width:40%">
    40% Complete (success)
</div>
</div>
<div class="progress">
<div class="progress-bar progress-bar-info progress-bar-striped"
role="progressbar" aria-valuenow="50" aria-valuemin="0" aria-
valuemax="100" style="width:50%">
    50% Complete (info)
</div>
</div>
<div class="progress">
<div class="progress-bar progress-bar-warning progress-bar-striped"
role="progressbar" aria-valuenow="60" aria-valuemin="0" aria-
valuemax="100" style="width:60%">
    60% Complete (warning)
</div>
</div>
<div class="progress">
<div class="progress-bar progress-bar-danger progress-bar-striped"
role="progressbar" aria-valuenow="70" aria-valuemin="0" aria-
valuemax="100" style="width:70%">
    70% Complete (danger)
</div>
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

Animated Progress Bar:

Here is an "animated" progress bar:

40%

Add class `.active` to animate the progress bar:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Animated Progress Bar</h2>
<p>The .active class animates the progress bar:</p>
<div class="progress">
<div class="progress-bar progress-bar-striped active" role="progressbar"
aria-valuenow="40" aria-valuemin="0" aria-valuemax="100"
style="width:40%">
40%
</div>
</div>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Stacked Progress Bars:

Progress bars can also be stacked:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Stacked Progress Bars</h2>
<p>Create a stacked progress bar by placing multiple bars into the same
div with class .progress:</p>
<div class="progress">
<div class="progress-bar progress-bar-success" role="progressbar"
style="width:40%">
    Free Space
</div>
<div class="progress-bar progress-bar-warning" role="progressbar"
style="width:10%">
    Warning
</div>
<div class="progress-bar progress-bar-danger" role="progressbar"
style="width:20%">
    Danger
</div>
</div>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

BS Pagination:

Basic Pagination:

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

A basic pagination in Bootstrap looks like this:

To create a basic pagination, add the .pagination class to an element:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Pagination</h2>
<p>The .pagination class provides pagination links:</p>
<ul class="pagination">
<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>
</div>

</body>
</html>
```

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Active State:

The active state shows what is the current page:

1 2 3 4 5

Add class `.active` to let the user know which page he/she is on:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Pagination - Active State</h2>
<p>Add class .active to let the user know which page he/she is on:</p>
<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><a href="#">5</a></li>
</ul>
</div>

</body>
</html>
```

Bootstrap Course Material

Disabled State:

A disabled link cannot be clicked:

1 2 3 4 5

Add class `.disabled` if a link for some reason is disabled:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Pagination - Disabled State</h2>
<p>Add class .disabled if a page for some reason is disabled:</p>
<ul class="pagination">
<li><a href="#">1</a></li>
<li><a href="#">2</a></li>
<li><a href="#">3</a></li>
<li class="disabled"><a href="#">4</a></li>
<li><a href="#">5</a></li>
</ul>
</div>

</body>
</html>
```

Bootstrap Course Material

Pagination Sizing:

Pagination blocks can also be sized to a larger size or a smaller size:

1 2 3 4 5 1 2 3 4 5

Add class `.pagination-lg` for larger blocks or `.pagination-sm` for smaller blocks:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Pagination - Sizing</h2>
<p>Add class .pagination-lg for larger blocks or .pagination-sm for
smaller blocks:</p>
<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>

<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>
</div>

</body>
</html>
```


Bootstrap Course Material

BS Pager:

What is 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 element:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Pager</h2>
<p>The .pager class provides previous and next buttons (links):</p>
<ul class="pager">
<li><a href="#">Previous</a></li>
<li><a href="#">Next</a></li>
</ul>
</div>

</body>
</html>
```

Bootstrap Course Material

BS List Groups:

Basic List Groups:

The most basic list group is an unordered list with list items:

First item
Second item
Third item

To create a basic list group, use an `` element with class `.list-group`, and `` elements with class `.list-group-item`:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Basic List Group</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>
</div>

</body>
</html>
```

Bootstrap Course Material

List Group With Linked Items:

The items in a list group can also be hyperlinks:

First item

Second item

Third item

To create a list group with linked items, use <div> instead of and <a> instead of :

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>List Group With Linked Items</h2>
<div 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>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Disabled Item:

The following list group has a disabled item:

First item

Second item

Third item

To disable an item, add the `.disabled` class:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>List Group With a Disabled Item</h2>
<div 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>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Contextual Classes:

Contextual classes can be used to color list items:

First item
Second item
Third item
Fourth item

The classes for coloring list-items are: `.list-group-item-success`, `list-group-item-info`, `list-group-item-warning`, and `.list-group-item-danger`:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>List Group With 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>
<h2>Linked Items With Contextual Classes</h2>
<div class="list-group">
<a href="#" class="list-group-item list-group-item-success">First
item</a>
<a href="#" class="list-group-item list-group-item-info">Second item</a>
<a href="#" class="list-group-item list-group-item-warning">Third
item</a>
<a href="#" class="list-group-item list-group-item-danger">Fourth
item</a>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Custom Content:

You can add nearly any HTML inside a list group item.

Bootstrap provides the classes `.list-group-item-heading` and `.list-group-item-text` which can be used as follows:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>List Group With Custom Content</h2>
<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>
</div>

</body>
</html>
```

Bootstrap Course Material

Panels:

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

A Basic Panel:

Panels are created with the .panel class, and content inside the panel has a .panel-body class:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

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

</body>
</html>
```

Bootstrap Course Material

Panel Heading
Panel Heading
Panel Content

The `.panel-heading` class adds a heading to the panel:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

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

</body>
</html>
```


Bootstrap Course Material

Panel Footer
Panel Content
Panel Footer

The `.panel-footer` class adds a footer to the panel:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
</script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Panel Footer</h2>
<div class="panel panel-default">
<div class="panel-heading">Panel Heading</div>
<div class="panel-body">Panel Content</div>
<div class="panel-footer">Panel Footer</div>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Panel Group:

To group many panels together, wrap a `<div>` with class `.panel-group` around them.

The `.panel-group` class clears the bottom-margin of each panel:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Panel Group</h2>
<p>The panel-group class clears the bottom-margin. Try to remove the
class and see what happens.</p>
<div class="panel-group">
<div class="panel panel-default">
<div class="panel-heading">Panel Header</div>
<div class="panel-body">Panel Content</div>
</div>
<div class="panel panel-default">
<div class="panel-heading">Panel Header</div>
<div class="panel-body">Panel Content</div>
</div>
<div class="panel panel-default">
<div class="panel-heading">Panel Header</div>
<div class="panel-body">Panel Content</div>
</div>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Panels with Contextual Classes:

To color the panel, use contextual classes (.panel-default, .panel-primary, .panel-success, .panel-info, .panel-warning, or .panel-danger):

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Panels with Contextual Classes</h2>
<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>

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

SCITPL

Bootstrap Course Material

BS Dropdowns :

Basic Dropdown:

A dropdown menu is a toggleable menu that allows the user to choose one value from a predefined list:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Dropdowns</h2>
<p>The .dropdown class is used to indicate a dropdown menu.</p>
<p>Use the .dropdown-menu class to actually build the dropdown menu.</p>
<p>To open the dropdown menu, use a button or a link with a class of
.dropdown-toggle and data-toggle="dropdown".</p>
<div class="dropdown">
<button class="btn btn-primary dropdown-toggle" type="button" data-
toggle="dropdown">Dropdown Example
<span class="caret"></span></button>
<ul class="dropdown-menu">
<li><a href="#">HTML</a></li>
<li><a href="#">CSS</a></li>
<li><a href="#">JavaScript</a></li>
</ul>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Example Explained:

The `.dropdown` class indicates a dropdown menu.

To open the dropdown menu, use a button or a link with a class of `.dropdown-toggle` and the `data-toggle="dropdown"` attribute.

The `.caret` class creates a caret arrow icon (`>`), which indicates that the button is a dropdown.

Add the `.dropdown-menu` class to a `` element to actually build the dropdown menu.

Dropdown Divider

The `.divider` class is used to separate links inside the dropdown menu:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Dropdowns</h2>
<p>The .divider class is used to separate links inside the dropdown
menu:</p>
<div class="dropdown">
<button class="btn btn-default dropdown-toggle" type="button" data-
toggle="dropdown">Tutorials
<span class="caret"></span></button>
<ul class="dropdown-menu">
<li><a href="#">HTML</a></li>
<li><a href="#">CSS</a></li>
<li><a href="#">JavaScript</a></li>
<li class="divider"></li>
<li><a href="#">About Us</a></li>
</ul>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Dropdown Header:

Dropdown Header Example

The `.dropdown-header` class is used to add headers inside the dropdown menu:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Dropdowns</h2>
<p>The .dropdown-header class is used to add headers inside the dropdown
menu:</p>
<div class="dropdown">
<button class="btn btn-default dropdown-toggle" type="button" data-
toggle="dropdown">Tutorials
<span class="caret"></span></button>
<ul class="dropdown-menu">
<li class="dropdown-header">Dropdown header 1</li>
<li><a href="#">HTML</a></li>
<li><a href="#">CSS</a></li>
<li><a href="#">JavaScript</a></li>
<li class="divider"></li>
<li class="dropdown-header">Dropdown header 2</li>
<li><a href="#">About Us</a></li>
</ul>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Disable an Item:

Dropdown Disabled Example

To disable an item in the dropdown menu, use the `.disabled` class:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Dropdowns</h2>
<p>The .disabled class is used to disable an item in the dropdown
menu:</p>
<div class="dropdown">
<button class="btn btn-default dropdown-toggle" type="button" data-
toggle="dropdown">Tutorials
<span class="caret"></span></button>
<ul class="dropdown-menu">
<li><a href="#">HTML</a></li>
<li class="disabled"><a href="#">CSS</a></li>
<li><a href="#">JavaScript</a></li>
<li class="divider"></li>
<li><a href="#">About Us</a></li>
</ul>
</div>
</div>

</body>
</html>
```


Bootstrap Course Material

Dropdown Position:

Dropdown Right Example

To right-align the dropdown, add the `.dropdown-menu-right` class to the element with `.dropdown-menu`:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Dropdowns</h2>
<p>Add the .dropdown-menu-right class to .dropdown-menu to right-align
the dropdown menu:</p>
<div class="dropdown">
<button class="btn btn-default dropdown-toggle" type="button" data-
toggle="dropdown">Dropdown Example
<span class="caret"></span></button>
<ul class="dropdown-menu dropdown-menu-right">
<li><a href="#">HTML</a></li>
<li><a href="#">CSS</a></li>
<li><a href="#">JavaScript</a></li>
<li class="divider"></li>
<li><a href="#">About Us</a></li>
</ul>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

If you want the dropdown menu to expand upwards instead of downwards, change the <div> element with class="dropdown" to "dropup":

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Dropdowns</h2>
<p>The .dropup class makes the dropdown menu expand upwards instead of
downwards:</p>
<div class="dropup">
<button class="btn btn-default dropdown-toggle" type="button" data-
toggle="dropdown">Dropup Example
<span class="caret"></span></button>
<ul class="dropdown-menu">
<li><a href="#">HTML</a></li>
<li><a href="#">CSS</a></li>
<li><a href="#">JavaScript</a></li>
<li class="divider"></li>
<li><a href="#">About Us</a></li>
</ul>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Dropdown Accessibility:

To help improve accessibility for people using screen readers, you should include the following role and aria-* attributes, when creating a dropdown menu:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Dropdowns</h2>
<p>The .dropdown class is used to indicate a dropdown menu.</p>
<p>Use the .dropdown-menu class to actually build the dropdown menu.</p>
<div class="dropdown">
<button class="btn btn-default dropdown-toggle" type="button" id="menu1"
data-toggle="dropdown">Tutorials
<span class="caret"></span></button>
<ul class="dropdown-menu" role="menu" aria-labelledby="menu1">
<li role="presentation"><a role="menuitem" tabindex="-1"
href="#">HTML</a></li>
<li role="presentation"><a role="menuitem" tabindex="-1"
href="#">CSS</a></li>
<li role="presentation"><a role="menuitem" tabindex="-1"
href="#">JavaScript</a></li>
<li role="presentation" class="divider"></li>
<li role="presentation"><a role="menuitem" tabindex="-1" href="#">About
Us</a></li>
</ul>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

BS Tabs/Pills:

Menus:

Most web pages have some kind of a menu.

In HTML, a menu is often defined in an unordered list (and styled afterwards), like this:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Inline List</h3>
<ul class="list-inline">
<li><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>
</div>

</body>
</html>
```

Or you can display the menu above with Bootstraps' Tabs and Pills (see below).

Tabs:

Tabs are created with <ul class="nav nav-tabs">:

Tip: Also mark the current page with <li class="active">.

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The following example creates navigation tabs:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Tabs</h3>
<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>

<div class="row">
<div class="col-md-3">
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
</div>
<div class="col-md-3">
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat.</p>
</div>
<div class="col-md-3">
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium, totam rem aperiam.</p>
</div>
<div class="col-md-3">
<p>Eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae
vitae dicta sunt explicabo.</p>
</div>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Tabs With Dropdown Menu:

Tabs can also hold dropdown menus.

The following example adds a dropdown menu to "Menu 1":

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Tabs With Dropdown Menu</h3>
<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>

<div class="row">
<div class="col-md-3">
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
</div>
<div class="col-md-3">
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat.</p>
</div>
<div class="col-md-3">
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium, totam rem aperiam.</p>
</div>
```

Bootstrap Course Material

```
<div class="col-md-3">
<p>Eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae
vitae dicta sunt explicabo.</p>
</div>
</div>
</div>

</body>
</html>
```

Pills:

Home

Menu 1

Menu 2

Menu 3

Pills are created with `<ul class="nav nav-pills">`. Also mark the current page with `<li class="active">`:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Pills</h3>
<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>

<div class="row">
<div class="col-md-3">
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
</div>
<div class="col-md-3">
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat.</p>
</div>
```

Bootstrap Course Material

```
<div class="col-md-3">
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium, totam rem aperiam.</p>
</div>
<div class="col-md-3">
<p>Eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae
vitae dicta sunt explicabo.</p>
</div>
</div>
</div>

</body>
</html>
```

Vertical Pills

Home

Menu 1

Menu 2

Menu 3

Pills can also be displayed vertically. Just add the `.nav-stacked` class.

The following example places the vertical pill menu inside the last column. So, on a large screen the menu will be displayed to the right. But on a small screen, the content will automatically adjust itself into a single-column layout:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Vertical Pills</h3>
<div class="row">
<div class="col-md-3">
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
</div>
<div class="col-md-3">
```


Bootstrap Course Material

```
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris  
nisi ut aliquip ex ea commodo consequat.</p>  
</div>  
<div class="col-md-3">  
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem  
accusantium doloremque laudantium, totam rem aperiam.</p>  
</div>  
<div class="col-md-3">  
<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>  
</div>  
<div class="clearfix visible-lg"></div>  
</div>  
  
</body>  
</html>
```

Pills With Dropdown Menu

Home

Menu 1

Menu 2

Menu 3

Pills can also hold dropdown menus.

The following example adds a dropdown menu to "Menu 1":

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
<title>Bootstrap Case</title>  
<meta charset="utf-8">  
<meta name="viewport" content="width=device-width, initial-scale=1">  
<link rel="stylesheet"  
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs  
s">  
<script  
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><  
</script>  
<script  
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">  
</script>  
</head>  
<body>  
  
<div class="container">  
<h3>Pills With Dropdown Menu</h3>  
<div class="row">  
<div class="col-md-3">
```

Bootstrap Course Material

```
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
</div>
<div class="col-md-3">
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat.</p>
</div>
<div class="col-md-3">
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium, totam rem aperiam.</p>
</div>
<div class="col-md-3">
<ul class="nav nav-pills nav-stacked">
<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>
</div>
<div class="clearfix visible-lg"></div>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

Centered Tabs and Pills:

Home

Menu 1

Menu 2

Menu 3

To center/justify the tabs and pills, use the `.nav-justified` class.

Note that on screens that are smaller than 768px, the list items are stacked (content will remain centered):

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Centered Tabs</h3>
<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>
<br>
<h3>Centered Pills</h3>
<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>
</div>

</body>
</html>
```

Bootstrap Course Material

Toggable / Dynamic Tabs:

Home

Menu 1

Menu 2

Menu 3

HOME

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

To make the tabs toggable, add the data-toggle="tab" attribute to each link. Then add a .tab-pane class with a unique ID for every tab and wrap them inside a <div> element with class .tab-content.

If you want the tabs to fade in and out when clicking on them, add the .fade class to .tab-pane:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>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>
<li><a data-toggle="tab" href="#menu3">Menu 3</a></li>
</ul>

<div class="tab-content">
<div id="home" class="tab-pane fade in active">
<h3>HOME</h3>
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
</div>
<div id="menu1" class="tab-pane fade">
<h3>Menu 1</h3>
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat.</p>
</div>
```

Bootstrap Course Material

```
<div id="menu2" class="tab-pane fade">
<h3>Menu 2</h3>
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium, totam rem aperiam.</p>
</div>
<div id="menu3" class="tab-pane fade">
<h3>Menu 3</h3>
<p>Eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae
vitae dicta sunt explicabo.</p>
</div>
</div>
</div>

</body>
</html>
```

Toggable / Dynamic Pills:

The same code applies to pills; only change the data-toggle attribute to data-toggle="pill":

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
</script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Dynamic Pills</h2>
<ul class="nav nav-pills">
<li class="active"><a data-toggle="pill" href="#home">Home</a></li>
<li><a data-toggle="pill" href="#menu1">Menu 1</a></li>
<li><a data-toggle="pill" href="#menu2">Menu 2</a></li>
<li><a data-toggle="pill" href="#menu3">Menu 3</a></li>
</ul>

<div class="tab-content">
<div id="home" class="tab-pane fade in active">
<h3>HOME</h3>
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
</div>
```

Bootstrap Course Material

```
<div id="menu1" class="tab-pane fade">
<h3>Menu 1</h3>
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat.</p>
</div>
<div id="menu2" class="tab-pane fade">
<h3>Menu 2</h3>
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium, totam rem aperiam.</p>
</div>
<div id="menu3" class="tab-pane fade">
<h3>Menu 3</h3>
<p>Eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae
vitae dicta sunt explicabo.</p>
</div>
</div>
</div>
</div>

</body>
</html>
```

Bootstrap Course Material

BS Navbar:

Navigation Bars:

A navigation bar is a navigation header that is placed at the top of the page:

With Bootstrap, a navigation bar can extend or collapse, depending on the screen size.

A standard navigation bar is created with `<nav class="navbar navbar-default">`.

The following example shows how to add a navigation bar to the top of the page:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<nav class="navbar navbar-default">
<div class="container-fluid">
<div class="navbar-header">
<a class="navbar-brand" href="#">WebSiteName</a>
</div>
<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>
</div>
</nav>

<div class="container">
<h3>Basic Navbar Example</h3>
<p>A navigation bar is a navigation header that is placed at the top of
the page.</p>
</div>
</body></html>
```

Bootstrap Course Material

Inverted Navigation Bar:

If you don't like the style of the default navigation bar, Bootstrap provides an alternative, black navbar:

Just change the `.navbar-default` class into `.navbar-inverse`:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<nav class="navbar navbar-inverse">
<div class="container-fluid">
<div class="navbar-header">
<a class="navbar-brand" href="#">WebSiteName</a>
</div>
<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>
</div>
</nav>

<div class="container">
<h3>Inverted Navbar</h3>
<p>An inverted navbar is black instead of gray.</p>
</div>

</body>
</html>
```


Bootstrap Course Material

Fixed Navigation Bar:

The navigation bar can also be fixed at the top or at the bottom of the page.

A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.

The `.navbar-fixed-top` class makes the navigation bar fixed at the top:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<nav class="navbar navbar-inverse navbar-fixed-top">
<div class="container-fluid">
<div class="navbar-header">
<a class="navbar-brand" href="#">WebSiteName</a>
</div>
<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>
</div>
</nav>

<div class="container">
<h3>Fixed Navbar</h3>
<div class="row">
<div class="col-md-3">
<p>A fixed navigation bar stays visible in a fixed position (top or
bottom) independent of the page scroll.</p>
</div>
<div class="col-md-3">
<p>A fixed navigation bar stays visible in a fixed position (top or
bottom) independent of the page scroll.</p>
</div>
```

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```
<div class="col-md-3">
<p>A fixed navigation bar stays visible in a fixed position (top or
bottom) independent of the page scroll.</p>
</div>
<div class="col-md-3">
<p>A fixed navigation bar stays visible in a fixed position (top or
bottom) independent of the page scroll.</p>
</div>
<div class="clearfix visible-lg"></div>
</div>
</div>

<div class="container">
<div class="row">
<div class="col-md-3">
<p>A fixed navigation bar stays visible in a fixed position (top or
bottom) independent of the page scroll.</p>
</div>
<div class="col-md-3">
<p>A fixed navigation bar stays visible in a fixed position (top or
bottom) independent of the page scroll.</p>
</div>
<div class="col-md-3">
<p>A fixed navigation bar stays visible in a fixed position (top or
bottom) independent of the page scroll.</p>
</div>
<div class="col-md-3">
<p>A fixed navigation bar stays visible in a fixed position (top or
bottom) independent of the page scroll.</p>
</div>
<div class="clearfix visible-lg"></div>
</div>
</div>

</body>
</html>
```

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The `.navbar-fixed-bottom` class makes the navigation bar stay at the bottom:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
</script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<nav class="navbar navbar-inverse navbar-fixed-bottom">
<div class="container-fluid">
<div class="navbar-header">
<a class="navbar-brand" href="#">WebSiteName</a>
</div>
<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>
</div>
</nav>

<div class="container">
<h3>Fixed Bottom Navbar</h3>
<div class="row">
<div class="col-md-3">
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the
bottom.</p>
</div>
<div class="col-md-3">
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the
bottom.</p>
</div>
<div class="col-md-3">
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the
bottom.</p>
</div>
<div class="col-md-3">
```

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```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="clearfix visible-lg"></div>
```

```
</div>
```

```
</div>
```

```
<div class="container">
```

```
<div class="row">
```

```
<div class="col-md-3">
```

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="col-md-3">
```

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="col-md-3">
```

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="col-md-3">
```

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="clearfix visible-lg"></div>
```

```
</div>
```

```
</div>
```

```
<div class="container">
```

```
<div class="row">
```

```
<div class="col-md-3">
```

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="col-md-3">
```

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="col-md-3">
```

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="col-md-3">
```

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>
```

```
</div>
```

```
<div class="clearfix visible-lg"></div>
```

```
</div>
```

```
</div>
```

```
<div class="container">
```

```
<div class="row">
```

```
<div class="col-md-3">
```

Bootstrap Course Material

```
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the
bottom.</p>
</div>
<div class="col-md-3">
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the
bottom.</p>
</div>
<div class="col-md-3">
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the
bottom.</p>
</div>
<div class="col-md-3">
<p>The .navbar-fixed-bottom class makes the navigation bar stay at the
bottom.</p>
</div>
<div class="clearfix visible-lg"></div>
</div>
</div>

</body>
</html>
```

Navigation Bar With Dropdown:

Navigation bars can also hold dropdown menus.

The following example adds a dropdown menu for the "Page 1" button:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<nav class="navbar navbar-inverse">
<div class="container-fluid">
<div class="navbar-header">
<a class="navbar-brand" href="#">WebSiteName</a>
</div>
<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>
```

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```
<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>
</div>
</nav>

<div class="container">
<h3>Navbar With Dropdown</h3>
<p>This example adds a dropdown menu for the "Page 1" button in the
navigation bar.</p>
</div>

</body>
</html>
```

Right-Aligned Navigation Bar:

The `.navbar-right` class is used to right-align navigation bar buttons.

In the following example we insert a "Sign Up" button and a "Login" button to the right in the navigation bar. We also add a glyphicon on each of the two new buttons:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<nav class="navbar navbar-inverse">
<div class="container-fluid">
<div class="navbar-header">
<a class="navbar-brand" href="#">WebSiteName</a>
</div>
<div>
<ul class="nav navbar-nav">
```

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```
<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>
<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>

<div class="container">
<h3>Right Aligned Navbar</h3>
<p>The .navbar-right class is used to right-align navigation bar
buttons.</p>
</div>

</body>
</html>
```

Collapsing The Navigation Bar:

The navigation bar takes up too much space on a small screen.

We should hide the navigation bar; and only show it when it is needed.

In the following example the navigation bar is replaced by a button in the top right corner. Only when the button is clicked, the navigation bar will be displayed:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Case</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
```

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```
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

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

<div class="container">
<h3>Collapsible Navbar</h3>
<p>In this example, the navigation bar is hidden on small screens and
replaced by a button in the top right corner (try to re-size this
window).
<p>Only when the button is clicked, the navigation bar will be
displayed.</p>
</div>

</body>
</html>
```


Bootstrap Course Material

BS Forms :

Bootstrap's Default Settings:

Form controls automatically receive some global styling with Bootstrap:

All textual `<input>`, `<textarea>`, and `<select>` elements with class `.form-control` have a width of 100%.

Bootstrap Form Layouts

Bootstrap provides three types of form layouts:

Vertical form (this is default)

Horizontal form

Inline form

Standard rules for all three form layouts:

Always use `<form role="form">` (helps improve accessibility for people using screen readers)

Wrap labels and form controls in `<div class="form-group">` (needed for optimum spacing)

Add class `.form-control` to all textual `<input>`, `<textarea>`, and `<select>` elements

The following example creates a vertical form with two input fields, one checkbox, and a submit button:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Vertical (basic) form</h2>
<form role="form">
<div class="form-group">
<label for="email">Email:</label>
<input type="email" class="form-control" id="email" placeholder="Enter
email">
```

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```
</div>
<div class="form-group">
<label for="pwd">Password:</label>
<input type="password" class="form-control" id="pwd" placeholder="Enter
password">
</div>
<div class="checkbox">
<label><input type="checkbox"> Remember me</label>
</div>
<button type="submit" class="btn btn-default">Submit</button>
</form>
</div>

</body>
</html>
```

Bootstrap Inline Form:

In an inline form, all of the elements are inline, left-aligned, and the labels are alongside.

Note: This only applies to forms within viewports that are at least 768px wide!

Additional rule for an inline form:

Add class `.form-inline` to the `<form>` element

The following example creates an inline form with two input fields, one checkbox, and one submit button:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Inline form</h2>
<p>Make the viewport larger than 768px wide to see that all of the form
elements are inline, left aligned, and the labels are alongside.</p>
<form class="form-inline" role="form">
<div class="form-group">
```

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```
<label for="email">Email:</label>
<input type="email" class="form-control" id="email" placeholder="Enter
email">
</div>
<div class="form-group">
<label for="pwd">Password:</label>
<input type="password" class="form-control" id="pwd" placeholder="Enter
password">
</div>
<div class="checkbox">
<label><input type="checkbox"> Remember me</label>
</div>
<button type="submit" class="btn btn-default">Submit</button>
</form>
</div>

</body>
</html>
```

Tip: If you don't include a label for every input, screen readers will have trouble with your forms. You can hide the labels for all devices, except screen readers, by using the `.sr-only` class:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Inline form with .sr-only class</h2>
<p>Make the viewport larger than 768px wide to see that all of the form
elements are inline, left aligned, and the labels are alongside.</p>
<form class="form-inline" role="form">
<div class="form-group">
<label class="sr-only" for="email">Email:</label>
<input type="email" class="form-control" id="email" placeholder="Enter
email">
</div>
<div class="form-group">
<label class="sr-only" for="pwd">Password:</label>
```

Bootstrap Course Material

```
<input type="password" class="form-control" id="pwd" placeholder="Enter
password">
</div>
<div class="checkbox">
<label><input type="checkbox"> Remember me</label>
</div>
<button type="submit" class="btn btn-default">Submit</button>
</form>
</div>

</body>
</html>
```

Bootstrap Horizontal Form:

A horizontal form stands apart from the other forms both in the amount of markup, and in the presentation of the form.

Additional rules for a horizontal form:

Add class `.form-horizontal` to the `<form>` element

Add class `.control-label` to all `<label>` elements

Tip: Use Bootstrap's predefined grid classes to align labels and groups of form controls in a horizontal layout.

The following example creates a horizontal form with two input fields, one checkbox, and one submit button:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Horizontal form</h2>
<form class="form-horizontal" role="form">
<div class="form-group">
<label class="control-label col-sm-2" for="email">Email:</label>
<div class="col-sm-10">
<input type="email" class="form-control" id="email" placeholder="Enter
email">
</div>
```

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```
</div>
<div class="form-group">
<label class="control-label col-sm-2" for="pwd">Password:</label>
<div class="col-sm-10">
<input type="password" class="form-control" id="pwd" placeholder="Enter
password">
</div>
</div>
<div class="form-group">
<div class="col-sm-offset-2 col-sm-10">
<div class="checkbox">
<label><input type="checkbox"> Remember me</label>
</div>
</div>
</div>
<div class="form-group">
<div class="col-sm-offset-2 col-sm-10">
<button type="submit" class="btn btn-default">Submit</button>
</div>
</div>
</form>
</div>

</body>
</html>
```

Bootstrap Course Material

BS Inputs:

Supported Form Controls

Bootstrap supports the following form controls:

input
textarea
checkbox
radio
select

Bootstrap Input

Bootstrap supports all the HTML5 input types: text, password, datetime, datetime-local, date, month, time, week, number, email, url, search, tel, and color.

Note: Inputs will NOT be fully styled if their type is not properly declared!

The following example contains two input elements; one of type text and one of type password:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

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

</body></html>
```

Bootstrap Course Material

Bootstrap Textarea:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Form control: textarea</h2>
<p>The form below contains a textarea for comments:</p>
<form role="form">
<div class="form-group">
<label for="comment">Comment:</label>
<textarea class="form-control" rows="5" id="comment"></textarea>
</div>
</form>
</div>

</body>
</html>
```

Bootstrap Course Material

Bootstrap Checkboxes:

Option 1

Option 2

Option 3

Checkboxes are used if you want the user to select any number of options from a list of preset options.

The following example contains three checkboxes. The last option is disabled:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

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

</body>
</html>
```


Bootstrap Course Material

Use the `.checkbox-inline` class if you want the checkboxes to appear on the same line:

Option 1 Option 2 Option 3

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Form control: inline checkbox</h2>
<p>The form below contains three inline checkboxes:</p>
<form role="form">
<label class="checkbox-inline">
<input type="checkbox" value="">Option 1
</label>
<label class="checkbox-inline">
<input type="checkbox" value="">Option 2
</label>
<label class="checkbox-inline">
<input type="checkbox" value="">Option 3
</label>
</form>
</div>

</body>
</html>
```

Bootstrap Course Material

Bootstrap Radio Buttons:

Option 1

Option 2

Option 3

Radio buttons are used if you want to limit the user to just one selection from a list of preset options.

The following example contains three radio buttons. The last option is disabled:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Form control: radio buttons</h2>
<p>The form below contains three radio buttons. The last option is
disabled:</p>
<form role="form">
<div class="radio">
<label><input type="radio" name="optradio">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>
</div>

</body>
</html>
```

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Use the `.radio-inline` class if you want the radio buttons to appear on the same line:

Option 1 Option 2 Option 3

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Form control: inline radio buttons</h2>
<p>The form below contains three inline radio buttons:</p>
<form role="form">
<label class="radio-inline">
<input type="radio" name="optradio">Option 1
</label>
<label class="radio-inline">
<input type="radio" name="optradio">Option 2
</label>
<label class="radio-inline">
<input type="radio" name="optradio">Option 3
</label>
</form>
</div>

</body>
</html>
```

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Bootstrap Select List:

The following example contains a dropdown list (select list):

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Form control: select</h2>
<p>The form below contains two dropdown menus (select lists):</p>
<form role="form">
<div class="form-group">
<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">Multiple 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>
</div>
</form>
</div>

</body>
</html>
```

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Bootstrap Form Control States:

INPUT FOCUS - The outline of the input is removed and a box-shadow is applied on focus

DISABLED INPUTS - Add a disabled attribute to disable an input field

DISABLED FIELDSETS - Add a disabled attribute to a fieldset to disable all controls within

READONLY INPUTS - Add a readonly attribute to an input to prevent user input

VALIDATION STATES - Bootstrap includes validation styles for error, warning, and success messages. To use, add .has-warning, .has-error, or .has-success to the parent element

ICONS - You can add feedback icons with the .has-feedback class and an icon

HIDDEN LABELS - Add a .sr-only class on non-visible labels

The following example demonstrates some of the form control states above in a Horizontal form:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Horizontal form: control states</h2>
<form class="form-horizontal" role="form">
<div class="form-group">
<label class="col-sm-2 control-label">Focused</label>
<div class="col-sm-10">
<input class="form-control" id="focusedInput" type="text" value="Click to
focus...">
</div>
</div>
<div class="form-group">
<label for="inputPassword" class="col-sm-2 control-
label">Disabled</label>
<div class="col-sm-10">
<input class="form-control" id="disabledInput" type="text"
placeholder="Disabled input here..." disabled>
</div>
</div>
<fieldset disabled>
```

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```
<div class="form-group">
<label for="disabledTextInput" class="col-sm-2 control-label">Disabled
input and select list (Fieldset disabled)</label>
<div class="col-sm-10">
<input type="text" id="disabledTextInput" class="form-control"
placeholder="Disabled input">
</div>
</div>
<div class="form-group">
<label for="disabledSelect" class="col-sm-2 control-label"></label>
<div class="col-sm-10">
<select id="disabledSelect" class="form-control">
<option>Disabled select</option>
</select>
</div>
</div>
</fieldset>
<div class="form-group has-success has-feedback">
<label class="col-sm-2 control-label" for="inputSuccess">Input with
success and glyphicon</label>
<div class="col-sm-10">
<input type="text" class="form-control" id="inputSuccess">
<span class="glyphicon glyphicon-ok form-control-feedback"></span>
</div>
</div>
<div class="form-group has-warning has-feedback">
<label class="col-sm-2 control-label" for="inputWarning">Input with
warning and glyphicon</label>
<div class="col-sm-10">
<input type="text" class="form-control" id="inputWarning">
<span class="glyphicon glyphicon-warning-sign form-control-
feedback"></span>
</div>
</div>
<div class="form-group has-error has-feedback">
<label class="col-sm-2 control-label" for="inputError">Input with error
and glyphicon</label>
<div class="col-sm-10">
<input type="text" class="form-control" id="inputError">
<span class="glyphicon glyphicon-remove form-control-feedback"></span>
</div>
</div>
</form>
</div>

</body>
</html>
```

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And here is an example of some of the form control states in an Inline form:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Inline form: control states</h2>
<form class="form-inline" role="form">
<div class="form-group">
<label for="focusedInput">Focused</label>
<input class="form-control" id="focusedInput" type="text">
</div>
<div class="form-group">
<label for="inputPassword">Disabled</label>
<input class="form-control" id="disabledInput" type="text" disabled>
</div>
<div class="form-group has-success has-feedback">
<label for="inputSuccess2">Input with success</label>
<input type="text" class="form-control" id="inputSuccess2">
<span class="glyphicon glyphicon-ok form-control-feedback"></span>
</div>
<div class="form-group has-warning has-feedback">
<label for="inputWarning2">Input with warning</label>
<input type="text" class="form-control" id="inputWarning2">
<span class="glyphicon glyphicon-warning-sign form-control-
feedback"></span>
</div>
<div class="form-group has-error has-feedback">
<label for="inputError2">Input with error</label>
<input type="text" class="form-control" id="inputError2">
<span class="glyphicon glyphicon-remove form-control-feedback"></span>
</div>
</form>
</div>

</body>
</html>
```

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BS Modal:

The Modal Plugin:

The Modal plugin is a dialog box/popup window that is displayed on top of the current page:

How To Create a Modal:

The following example shows how to create a basic modal:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Modal Example</h2>
<!-- 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 class="modal fade" id="myModal" 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>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
</div>
</div>

</div>
</div>
```



```
</div>

</body>
</html>
```

Example Explained

The "Trigger" part:

To trigger the modal window, you need to use a button or a link.

Then include the two data-* attributes:

```
data-toggle="modal" opens the modal window
data-target="#myModal" points to the id of the modal
The "Modal" part:
```

The parent <div> of the modal must have an ID that is the same as the value of the data-target attribute used to trigger the modal ("myModal").

The .modal class identifies the content of <div> as a modal and brings focus to it.

The .fade class adds a transition effect which fades the modal in and out. Remove this class if you do not want this effect.

The attribute role="dialog" improves accessibility for people using screen readers.

The .modal-dialog class sets the proper width and margin of the modal.

The "Modal content" part:

The <div> with class="modal-content" styles the modal (border, background-color, etc.). Inside this <div>, add the modal's header, body, and footer.

The .modal-header class is used to define the style for the header of the modal. The <button> inside the header has a data-dismiss="modal" attribute which closes the modal if you click on it. The .close class styles the close button, and the .modal-title class styles the header with a proper line-height.

The .modal-body class is used to define the style for the body of the modal. Add any HTML markup here; paragraphs, images, videos, etc.

The .modal-footer class is used to define the style for the footer of the modal. Note that this area is right aligned by default.

Modal Size

Change the size of the modal by adding the .modal-sm class for small modals or .modal-lg class for large modals.

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Add the size class to the <div> element with class .modal-dialog:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Small Modal</h2>
<!-- Trigger the modal with a button -->
<button type="button" class="btn btn-info btn-lg" data-toggle="modal"
data-target="#myModal">Open Small Modal</button>

<!-- Modal -->
<div class="modal fade" id="myModal" role="dialog">
<div class="modal-dialog modal-sm">
<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>This is a small modal.</p>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
</div>
</div>
</div>
</div>
</div>
</div>

</body>
</html>
```

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```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h2>Large Modal</h2>
<!-- Trigger the modal with a button -->
<button type="button" class="btn btn-info btn-lg" data-toggle="modal"
data-target="#myModal">Open Large Modal</button>

<!-- Modal -->
<div class="modal fade" id="myModal" role="dialog">
<div class="modal-dialog modal-lg">
<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>This is a large modal.</p>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
</div>
</div>
</div>
</div>
</div>
</div>

</body>
</html>
```

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BS Tooltip:

The Tooltip Plugin:

The Tooltip plugin is small pop-up box that appears when the user moves the mouse pointer over an element:

Hover over me Hover over me

How To Create a Tooltip

To create a tooltip, add the data-toggle="tooltip" attribute to an element.

Use the title attribute to specify the text that should be displayed inside the tooltip:

```
<a href="#" data-toggle="tooltip" title="Hooray!">Hover over me</a>
```

Note: Tooltips must be initialized with jQuery: select the specified element and call the tooltip() method.

The following code will enable all tooltips in the document:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Tooltip Example</h3>
<a href="#" data-toggle="tooltip" title="Hooray!">Hover over me</a>
</div>

<script>
$(document).ready(function() {
    $('[data-toggle="tooltip"]').tooltip();
});
</script>

</body>
</html>
```

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Positioning Tooltips:

By default, the tooltip will appear on top of the element.

Use the data-placement attribute to set the position of the tooltip on top, bottom, left or the right side of the element:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Tooltip Example</h3>
<p>The data-placement attribute specifies the tooltip position.</p>
<ul class="list-inline">
<li><a href="#" data-toggle="tooltip" data-placement="top"
title="Hooray!">Top</a></li>
<li><a href="#" data-toggle="tooltip" data-placement="bottom"
title="Hooray!">Bottom</a></li>
<li><a href="#" data-toggle="tooltip" data-placement="left"
title="Hooray!">Left</a></li>
<li><a href="#" data-toggle="tooltip" data-placement="right"
title="Hooray!">Right</a></li>
</ul>
</div>

<script>
$(document).ready(function() {
    $('[data-toggle="tooltip"]').tooltip();
});
</script>

</body>
</html>
```

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BS Popover:

The Popover Plugin:

The Popover plugin is similar to tooltips; it is a pop-up box that appears when the user clicks on an element. The difference is that the popover can contain much more content.

Click To Toggle Popover Click To Toggle Popover

How To Create a Popover

To create a popover, add the data-toggle="popover" attribute to an element.

Use the title attribute to specify the header text of the popover, and use the data-content attribute to specify the text that should be displayed inside the popover's body:

```
<a href="#" data-toggle="popover" title="Popover Header" data-content="Some content inside the popover">Toggle popover</a>
```

Note: Popovers must be initialized with jQuery: select the specified element and call the popover() method.

The following code will enable all popovers in the document:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Popover Example</h3>
<a href="#" data-toggle="popover" title="Popover Header" data-
content="Some content inside the popover">Toggle popover</a>
</div>

<script>
$(document).ready(function() {
    $('[data-toggle="popover"]').popover();
});
</script>
```

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

Positioning Popovers:

By default, the popover will appear on the right side of the element.

Use the data-placement attribute to set the position of the popover on top, bottom, left or the right side of the element:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Popover Example</h3>
<ul class="list-inline">
<li><a href="#" title="Header" data-toggle="popover" data-placement="top"
data-content="Content">Top</a></li>
<li><a href="#" title="Header" data-toggle="popover" data-
placement="bottom" data-content="Content">Bottom</a></li>
<li><a href="#" title="Header" data-toggle="popover" data-
placement="left" data-content="Content">Left</a></li>
<li><a href="#" title="Header" data-toggle="popover" data-
placement="right" data-content="Content">Right</a></li>
</ul>
</div>

<script>
$(document).ready(function() {
    $('[data-toggle="popover"]').popover();
});
</script>

</body>
</html>
```

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Closing Popovers:

By default, the popover is closed when you click on the element again. However, you can use the `data-trigger="focus"` attribute which will close the popover when clicking outside the element:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Popover Example</h3>
<a href="#" title="Dismissible popover" data-toggle="popover" data-
trigger="focus" data-content="Click anywhere in the document to close
this popover">Click me</a>
</div>

<script>
$(document).ready(function() {
    $('[data-toggle="popover"]').popover();
});
</script>

</body>
</html>
```


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Tip: If you want the popover to be displayed when you move the mouse pointer over the element, use the data-trigger attribute with a value of "hover":

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.cs
s">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"><
/script>
<script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js">
</script>
</head>
<body>

<div class="container">
<h3>Popover Example</h3>
<a href="#" title="Header" data-toggle="popover" data-content="Some
content">Click Me</a><br>
<a href="#" title="Header" data-toggle="popover" data-trigger="hover"
data-content="Some content">Hover over me</a>
</div>

<script>
$(document).ready(function() {
    $('[data-toggle="popover"]').popover();
});
</script>

</body>
</html>
```