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#### **ABSTRACT**

Bootstrap is the popular HTML, CSS and JavaScript framework for developing a responsive and mobile friendly website.

KM INFOTECH

Bootstrap

```
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
   <h1>Button Example!</h1>
<button class="btn btn-default">default/button>
<button class="btn btn-primary">primary</button>
<button class="btn btn-danger">danger</button>
<button class="btn btn-success">success</button>
<button class="btn btn-info">info</button>
<button class="btn btn-warning">warning</button>
<button class="btn btn-link">Link</putton>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Button Styles</h2>
 <button type="button" class="btn">Basic</button>
 <button type="button" class="btn btn-primary">Primary</button>
 <button type="button" class="btn btn-secondary">Secondary/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-dark">Dark</button>
 <button type="button" class="btn btn-light">Light/button>
```

```
<button type="button" class="btn btn-link">Link/button>
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </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>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </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>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Block Level Buttons</h2>
 <button type="button" class="btn btn-primary btn-block">Button
1</button>
 <button type="button" class="btn btn-default btn-block">Button
2</button>
 <h2>Large Block Level Buttons</h2>
 <button type="button" class="btn btn-primary btn-lg btn-</pre>
block">Button 1</button>
  <button type="button" class="btn btn-default btn-lg btn-</pre>
block">Button 2</button>
 <h2>Small Block Level Buttons</h2>
 <button type="button" class="btn btn-primary btn-sm btn-</pre>
block">Button 1</button>
 <button type="button" class="btn btn-default btn-sm btn-</pre>
block">Button 2</button>
</div>
 </body>
</html>
**********Button Group and other tag for button*********
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Button Classes with other Elements</h2>
```

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

        Company type = "button" class="btn btn-info" value= "Submit Button" >
        </bd>
    </br>

        Company type = "button" class="btn btn-info" value="Submit Button" >
        </bd>
    </br>

        Company type = "button" class="btn btn-info" value= "Submit Button" >
        </bd>
    </br>

        Company type = "button" class="btn btn-info" value= "Submit Button" >
        </bd>
    </bd>
    </br>

        Company type = "button" class="btn btn-info" value= "Submit Button" >
        </bd>
    </br>

        Company type = "button" class="button" >
        </bd>
    </br>

        Company type = "button" class="button" >
        </bd>
    </br>

        Company type = "button" class="button" >

        Company type = "button" class="button" >
```

# **Bootstrap Jumbotron**

A Bootstrap jumbotron specifies a big box for getting extra attention to some special content or information. It is displayed as a grey box with rounded corners. It can also enlarge the font sizes of the text inside it.

You can put any valid HTML or other Bootstrap elements/ classes inside a jumbotron.

The **class** .jumbotron within the <div> element is used to create a jumbotron.

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <div class="jumbotron">
   <h1>This is Jumbotron inside container!</h1>
  Jumbotron specifies a big box for getting extra attention to
some special content or information.
 </div>
 This is some text.
 This is another text.
</div>
 </body>
<!DOCTYPE html>
```

```
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="jumbotron">
 <h1>This is Jumbotron outside container!</h1>
 Jumbotron specifies a big box for getting extra attention to some
special content or information.
</div>
<div class="container">
 This is some text.
 This is another text.
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="jumbotron jumbotron-fluid">
 <div class="container">
   <h1>Full-width Jumbotron</h1>
 >Jumbotron specifies a big box for getting extra attention to some
special content or information.
</div>
<div class="container">
 This is some text.
 This is another text.
</div>
 </body>
</html>
```

# **Bootstrap Grid**

Wikipedia says:

"In graphic design, a grid is a structure (usually two-dimensional) made up of a series of intersecting straight (vertical, horizontal) lines used to structure the content. It is widely used to design layout and content structure in print design. In web design, it is a very effective method to create a consistent layout rapidly and effectively using HTML and CSS."

## **Bootstrap Grid System**

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The Bootstrap Grid System allows up to 12 columns across the page. You can use all 12 columns individually or you can groups the columns together to create wider columns.

### **Grid Classes:**

There are four classes in Bootstrap Grid System:

```
xs (for phones)
  sm (for tablets)
  md (for desktops)
  lg (for larger desktops)
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h1>Grid Example</h1>
<div class="row">
 <div class="col-md-3"style="background-color:lavender;">Rahul</div>
 <div class="col-md-3"style="background-</pre>
color:lavenderblush;">Vijay</div>
```

```
<div class="col-md-3"style="background-color:lavender;">Kartik</div>
  <div class="col-md-3"style="background-</pre>
color:lavenderblush;">Ajeet</div>
</div>
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h1>Grid Example</h1>
<div class="row">
 <div class="col-md-1"style="background-color:lavender;">Rahul</div>
 <div class="col-md-2"style="background-</pre>
color:lavenderblush;">Vijay</div>
 <div class="col-md-4"style="background-color:lavender;">Kartik</div>
 <div class="col-md-5"style="background-</pre>
color:lavenderblush;">Ajeet</div>
</div>
</div>
 </body>
</html>
```

### **Bootstrap 4 Grid Classes**

There are 5 classes in Bootstrap 4 grid system.

.col- (extra small devices - screen width less than 576px)

```
o .col-sm- (small devices - screen width equal to or greater than 576px)
```

- o .col-md- (medium devices screen width equal to or greater than 768px)
- o .col-lg- (large devices screen width equal to or greater than 992px)
- o .col-xl- (xlarge devices screen width equal to or greater than 1200px)

You can also combine the above classes to create more dynamic and flexible layouts

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container-fluid">
 <h2>Three equal-width columns</h2>
 <div class="row">
   <div class="col" style="background-color:lavender;">.col</div>
   <div class="col" style="background-color:orange;">.col</div>
   <div class="col" style="background-color:lavender;">.col</div>
 </div>
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h1>Basic Table Example</h1>
```

```
IdNameAge
101Rahul23
102Umesh22
103Max29
104Ajeet21
</div>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Job</title>
  <link rel="stylesheet" href="css/bootstrap.min.css"/>
</head>
<body>
<div class="container">
<h1>Striped Table Example</h1>
Id
101Rahul23
102Umesh22
103Max29
104Ajeet21
</div>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Job</title>
```

```
<link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h1>Bordered Table Example</h1>
IdNameAge
 101Rahul23
 102Umesh22
 103Max29
 104Ajeet21
</div>
 </body>
</html>
******* Table Row hover*******
<!DOCTYPE html>
<html lang="en">
 <head>
  <title>Job</title>
  <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h1>Hower rows Table Example</h1>
IdNameAge
 101Rahul23
 102Umesh22
 103Max29
 104Ajeet21
</div>
```

```
</body>
```

#### **Bootstrap Contextual classes:**

Contextual classes are used to color table rows () or table cells ():

#### Following are the different contextual classes:

Class	Description
.active	It is used to apply the hover color to the table row or table cell
.success	It indicates a successful or positive action
.info	It indicates a neutral informative change or action
.warning	It specifies a warning that might need attention
.danger	It indicates a dangerous or potentially negative action

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Job</title>
  <link rel="stylesheet" href="css/bootstrap.min.css"/>
</head>
<body>
<div class="container">
<h1>Contextual classes</h1>
<div class="table-responsive">
IdNameAge
101Rahul23
102Umesh22
103Max29
104Ajeet21
```

```
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Black/Dark Table</h2>
 The .table-dark class is used to add a black background to the
table:
 <thead>
   Firstname
     Lastname
     Email
   </thead>
  Ajeet
     Kumar
     ajeet@jtp.com
   Mahesh
     Sharma
     mahesh@jtp.com
```

```
Sonoo
    Jaiswal
    sonoo@jtp.com
   </div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Black/Dark Table</h2>
 The .table-dark class is used to add a black background to the
table:
 <thead>
   Firstname
    Lastname
    Email
   </thead>
  Ajeet
    Kumar
    ajeet@jtp.com
   Mahesh
```

```
Sharma
    mahesh@jtp.com
   Sonoo
    Jaiswal
    sonoo@jtp.com
   </div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Black/Dark Table</h2>
 The .table-dark class is used to add a black background to the
table:
 <thead>
   Firstname
    Lastname
    Email
   </thead>
  Ajeet
    Kumar
```

```
ajeet@jtp.com
   Mahesh
    Sharma
    mahesh@jtp.com
   Sonoo
    Jaiswal
    sonoo@jtp.com
   </div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
  <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Contextual Classes Example</h2>
 <thead>
   Firstname
    Lastname
    Email
   </thead>
  Default
```

```
A
a@jtp.com
Primary
B
b@jtp.com
Success
C
c@jtp.com
Danger
D
d@jtp.com
Info
E
e@jtp.com
Warning
F
f@jtp.com
Active
G
g@jtp.com
Secondary
H
h@jtp.com
Light
I
j@jtp.com
```

# **Bootstrap Forms**

In Bootstrap, there are three types of form layouts:

- Vertical form (this is default)
- Horizontal form
- Inline form

# **Bootstrap Form Rules**

There are three standard rules for these 3 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

```
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h1>Vertical Form Example</h1>
<form style="width:300px">
 <div class="form-group">
   <label for="exampleInputEmail1">Email address</label>
   <input type="email" class="form-control" id="exampleInputEmail1"</pre>
placeholder="Email">
 </div>
 <div class="form-group">
   <label for="exampleInputPassword1">Password</label>
   <input type="password" class="form-control"</pre>
id="exampleInputPassword1" placeholder="Password">
 </div>
 <button type="submit" class="btn btn-default">Login</button>
</form>
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
```

```
<h2>Inline form Example</h2>
  <form class="form-inline" role="form">
    <form style="width:300px">
  <div class="form-group">
   <label for="exampleInputEmail1">Email address</label>
    <input type="email" class="form-control" id="exampleInputEmail1"</pre>
placeholder="Email">
  </div>
  <div class="form-group">
   <label for="exampleInputPassword1">Password</label>
    <input type="password" class="form-control"</pre>
id="exampleInputPassword1" placeholder="Password">
  </div>
  <button type="submit" class="btn btn-default">Login</button>
</form>
</div>
  </body>
</html>
<!DOCTYPE html>
<html lang="en">
  <head>
     <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
  </head>
  <body>
>
<div class="container">
  <h2>Horizontal form Example</h2>
  <form class="form-horizontal" role="form">
    <form style="width:300px">
  <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"</pre>
placeholder="Enter email">
      </div>
   </div>
```

```
<div class="form-group">
      <label class="control-label col-sm-2"</pre>
for="pwd">Password:</label>
      <div class="col-sm-10">
        <input type="password" class="form-control" id="pwd"</pre>
placeholder="Enter password">
      </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>
<!DOCTYPE html>
<html lang="en">
  <head>
     <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
  </head>
  <body>
<div class="container">
  <h2>Stacked form</h2>
  <form>
   <div class="form-group">
      <label for="email">Email:</label>
      <input type="email" class="form-control" id="email"</pre>
placeholder="Enter email">
   </div>
   <div class="form-group">
      <label for="pwd">Password:</label>
      <input type="password" class="form-control" id="pwd"</pre>
placeholder="Enter password">
```

# **Bootstrap Alerts**

Bootstrap Alerts are used to provide an easy way to create predefined alert messages. Alert adds a style to your messages to make it more appealing to the users.

There are four classes that are used within <div> element for alerts.

```
    alert-success

   alert-info
  alert-warning
    .alert-danger
                         ******Alert**
<!DOCTYPE html>
<html lang="en">
  <head>
     <title>Job</title>
  <link rel="stylesheet" href="css/bootstrap.min.css"/>
  </head>
  <body>
<div class="container">
  <h2>Alerts</h2>
  <div class="alert alert-success">
    <strong>Success!</strong> Used to indicate successful or positive
action.
  </div>
  <div class="alert alert-info">
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```

```
<strong>Info!</strong> Used to indicate a neutral informative
change or action.
 </div>
 <div class="alert alert-warning">
   <strong>Warning!</strong> Used to indicate a warning that might
need attention.
 </div>
 <div class="alert alert-danger">
   <strong>Danger!</strong> Used to indicate a dangerous or
potentially negative action.
 </div>
 <div class="alert alert-primary">
   <strong>Primary!</strong> Used to indicate an important action.
 </div>
 <div class="alert alert-secondary">
   <strong>Secondary!</strong> Used to indicate a slightly less
important action.
 </div>
 <div class="alert alert-dark">
   <strong>Dark!</strong> Dark grey alert.
 </div>
 <div class="alert alert-light">
   <strong>Light!</strong> Light grey alert.
 </div>
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
     <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Bootstrap Alert Links</h2>
 <div class="alert alert-success">
   <strong>Success!</strong> You should <a href="#" class="alert-</pre>
link">read this message</a>.
```

```
</div>
  <div class="alert alert-info">
    <strong>Info!</strong> You should <a href="#" class="alert-
link">read this message</a>.
  </div>
  <div class="alert alert-warning">
    <strong>Warning!</strong> You should <a href="#" class="alert-</pre>
link">read this message</a>.
  </div>
  <div class="alert alert-danger">
    <strong>Danger!</strong> You should <a href="#" class="alert-</pre>
link">read this message</a>.
  </div>
  <div class="alert alert-primary">
    <strong>Primary!</strong> You should <a href="#" class="alert-
link">read this message</a>.
  </div>
  <div class="alert alert-secondary">
    <strong>Secondary!</strong> You should <a href="#" class="alert-
link">read this message</a>.
  </div>
  <div class="alert alert-dark">
    <strong>Dark!</strong> You should <a href="#" class="alert-
link">read this message</a>.
  </div>
  <div class="alert alert-light">
    <strong>Light!</strong> You should <a href="#" class="alert-
link">read this message</a>.
  </div>
</div>
  </body>
</html>
```

# **Bootstrap Wells**

In Bootstrap, wells are used to add a rounded border around an element with a gray background color and some padding. It is like a container that displays the content.

The **class** .well is used with <div> element to add well.

```
<!DOCTYPE html>
<html lang="en">
  <head>
```

## **Bootstrap Badges**

Bootstrap Badges are numerical indicators used to show that how many items are associated with the specific link. Badges are used to highlight new or unread items.

The **class** .badge within the <span> element is used to create badges.

```
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
    <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.mi
n.css">
 </head>
 <body>
 <div class="container">
 <h2>Badges on Buttons</h2>
  <button type="button" class="btn btn-primary">Primary <span</pre>
class="badge">7</span></button>
  <button type="button" class="btn btn-success">Success <span</pre>
class="badge">3</span></button>
 <button type="button" class="btn btn-danger">Danger <span</pre>
class="badge">5</span></button>
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
    <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.mi
n.css">
  </head>
```

```
<body>
<div class="container">
 <h2>Labels Example</h2>
 <h1>Update <span class="label label-default">New</span></h1>
  <h2>Update<span class="label label-default">New</span></h2>
  <h3>Update <span class="label label-default">New</span></h3>
 <h4>Update<span class="label label-default">New</span></h4>
 <h5>Update<span class="label label-default">New</span></h5>
  <h6>Update<span class="label label-default">New</span></h6>
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
  </head>
  <body>
<div class="container">
 <h2>Labels Example</h2>
 <h3>Update <span class="label label-default">new</span>
  <h3>Update <span class="label label-primary">new</span>
 <h3>Update <span class="label label-success">new</span>
  <h3>Update <span class="label label-info">new</span>
  <h3>Update <span class="label label-warning">new</span>
  <h3>Update <span class="label label-danger">new</span>
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
```

# **Bootstrap Panels**

In Bootstrap, a panel is a bordered box with some padding around its element. The panel components are used when you want to put your DOM component in a box.

The class .panel is used within the <div> element to create Bootstrap panels. The content inside the panel has a .panel-body class.

Generally a panel contains three parts:

- Panel header
- Panel content

```
    Panel footer

********
                                   ****Bootstrap Panel*****
<!DOCTYPE html>
<html lang="en">
  <head>
     <title>Job</title>
     <link rel="stylesheet" href="css/bootstrap.min.css"/>
  </head>
  <body>
  <div class="container">
  <h1>Panel Example</h1>
<div class="panel panel-primary">
  <div class="panel-heading">
    <h3 class="panel-title"><strong>Panel title</strong></h3>
  </div>
  <div class="panel-body">
    Panel content
  </div>
  <div class="panel-footer">
    <strong>Panel footer</strong>
  </div>
</div>
</div>
<script src="jquery.min.js"></script>
```

```
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
 <div class="container">
 <h2>Panel Group</h2>
 The panel-group class clears the bottom-margin. Try to remove the
class and see what happens.
  <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>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
```

# **Bootstrap Pagination**

Pagination is used to sort the web pages of your website in an organized manner. It becomes very necessary if your website has a lot of web pages.

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>A basic pagination example:</h2>
 The .pagination class provides pagination links:
 <a href="#">1</a>
   <a href="#">2</a>
   <a href="#">3</a>
   <a href="#">4</a>
   <a href="#">5</a>
 </div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
 <div class="container">
 <h2>Disabled State Pagination Example:</h2>
 Here, 4 and 5 links are disabled.
 <a href="#">1</a>
   <a href="#">2</a>
   <a href="#">3</a>
```

```
<a href="#">4</a>
   <a href="#">5</a>
 </div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
*****************************Pagination Size********
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css",</pre>
 </head>
 <body>
<div class="container">
 <h2>Pagination - Sizing</h2>
 Add class .pagination-lg for larger blocks or .pagination-sm for
smaller blocks:
 <a href="#">1</a>
   <a href="#">2</a>
   <a href="#">3</a>
   <a href="#">4</a>
   <a href="#">5</a>
 \langle ul \rangle
 <a href="#">1</a>
   <a href="#">2</a>
   <a href="#">3</a>
   <a href="#">4</a>
   <a href="#">5</a>
 </div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
```

```
</body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Breadcrumbs Example:</h2>
 The .breadcrumb class indicates the current page's location
within a navigational hierarchy:
 <a href="#">Java</a>
   <a href="#">SQL</a>
   <a href="#">Php</a>
   .Net
 </div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h3>Inline List</h3>
 <a href="#">Home</a>
  <a href="#">Menu 1</a>
  <a href="#">Menu 2</a>
  <a href="#">Menu 3</a>
 </div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h3>Tabs</h3>
 <a href="#">Home</a>
  <a href="#">Menu 1</a>
  <a href="#">Menu 2</a>
  <a href="#">Menu 3</a>
```

```
<br>
<!--<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script> -->
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h3>Tabs With Dropdown Menu</h3>
 <a href="#">Home</a>
  <a class="dropdown-toggle" data-toggle="dropdown" href="#">Menu
1 <span class="caret"></span></a>
    <a href="#">Submenu 1-1</a>
     <a href="#">Submenu 1-2</a>
     <a href="#">Submenu 1-3</a>
    \langle ul \rangle
  <a href="#">Menu 2</a>
  <a href="#">Menu 3</a>
 </div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
```

```
<head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Dynamic Tabs</h2>
 <a data-toggle="tab" href="#home">Home</a>
   <a data-toggle="tab" href="#menu1">Menu 1</a>
   <a data-toggle="tab" href="#menu2">Menu 2</a>
   <a data-toggle="tab" href="#menu3">Menu 3</a>
 <div class="tab-content">
   <div id="home" class="tab-pane fade in active">
     <h3>HOME</h3>
     A markup language is a programming language that is used make
text more
          interactive and dynamic. It can turn a text into images,
tables, links etc.
   </div>
   <div id="menu1" class="tab-pane fade">
     <h3>Menu 1</h3>
     Java is a high level, robust, secured and object-oriented
programming language.
   <div id="menu2" class="tab-pane fade">
     <h3>Menu 2</h3>
     SQL is just a query language, it is not a database. To
perform SQL queries,
    you need to install any database for example Oracle, MySQL,
MongoDB, PostGre SQL, SQL Server, DB2 etc.
   </div>
   <div id="menu3" class="tab-pane fade">
     <h3>Menu 3</h3>
     The C Language is developed for creating system applications
that direct
     interacts to the hardware devices such as drivers, kernals
etc.
```

```
</div>
 </div>
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h3>Pills</h3>
 <a href="#">Home</a>
  <a href="#">Menu 1</a>
  <a href="#">Menu 2</a>
  <a href="#">Menu 3</a>
 </div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
```

```
<div class="container">
 <h3>Vertical Pills</h3>
 <a href="#">Home</a>
  <a href="#">Menu 1</a>
  <a href="#">Menu 2</a>
  <a href="#">Menu 3</a>
 \langle u1 \rangle
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h3>Pills With Dropdown Menu</h3>
 <a href="#">Home</a>
  <a class="dropdown-toggle" data-toggle="dropdown" href="#">Menu
1 <span class="caret"></span></a>
    <a href="#">Submenu 1-1</a>
     <a href="#">Submenu 1-2</a>
     <a href="#">Submenu 1-3</a>
    <a href="#">Menu 2</a>
  <a href="#">Menu 3</a>
 </div>
```

```
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<div class="container">
 <h2>Dynamic Pills</h2>
 <a data-toggle="pill"</pre>
href="#home">Home</a>
   <a data-toggle="pill" href="#menu1">Menu 1</a>
   <a data-toggle="pill" href="#menu2">Menu 2</a>
   <a data-toggle="pill" href="#menu3">Menu 3</a>
 <div class="tab-content">
   <div id="home" class="tab-pane fade in active">
     <h3>H0ME</h3>
     A markup language is a programming language that is used make
text more interactive and
      dynamic. It can turn a text into images, tables, links
etc.
   </div>
   <div id="menu1" class="tab-pane fade">
     <h3>Menu 1</h3>
     Java is a high level, robust, secured and object-oriented
programming language.
   </div>
   <div id="menu2" class="tab-pane fade">
     <h3>Menu 2</h3>
     SQL is just a query language, it is not a database. To
perform SQL queries,
```

```
you need to install any database for example Oracle, MySQL,
MongoDB, PostGre SQL, SQL Server, DB2 etc.
   </div>
   <div id="menu3" class="tab-pane fade">
     <h3>Menu 3</h3>
     The C Language is developed for creating system applications
that direct
     interacts to the hardware devices such as drivers, kernals
etc.
   </div>
 </div>
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
    <nav class="navbar navbar-default">
 <div class="container-fluid">
   <div class="navbar-header">
     <a class="navbar-brand" href="#">WebSiteName</a>
   </div>
   <a href="#">Home</a>
     <a href="#">Page 1</a>
     <a href="#">Page 2</a>
     <a href="#">Page 3</a>
   </div>
</nav>
```

```
<div class="container">
 <h3>Basic Navbar Example</h3>
 A navigation bar is a navigation header that is placed at the top
of the page.
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
******************************NavbarInverse****
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
     <nav class="navbar navbar-inverse">
 <div class="container-fluid">
   <div class="navbar-header">
     <a class="navbar-brand" href="#">WebSiteName</a>
   </div>
   <a href="#">Home</a>
     <a href="#">Page 1</a>
     <a href="#">Page 2</a>
     <a href="#">Page 3</a>
   </div>
</nav>
<div class="container">
 <h3>Inverted Navbar</h3>
 An inverted navbar is black instead of gray.
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Job</title>
   <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<nav class="navbar navbar-inverse">
 <div class="container-fluid">
  <div class="navbar-header">
    <a class="navbar-brand" href="#">WebSiteName</a>
  </div>
  <a href="#">Home</a>
    <a class="dropdown-toggle" data-</pre>
toggle="dropdown" href="#">Page 1 <span class="caret"></span></a>
     <a href="#">Page 1-1</a>
       <a href="#">Page 1-2</a>
       <a href="#">Page 1-3</a>
     <a href="#">Page 2</a>
    <a href="#">Page 3</a>
  </div>
</nav>
<div class="container">
 <h3>Inverted Navbar</h3>
 An inverted navbar is black instead of gray.
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
<!DOCTYPE html>
```

```
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 </head>
 <body>
<nav class="navbar navbar-inverse">
 <div class="container-fluid">
   <div class="navbar-header">
    <a class="navbar-brand" href="#">WebSiteName</a>
   </div>
   <a href="#">Home</a>
    <a class="dropdown-toggle" data-</pre>
toggle="dropdown" href="#">Page 1 <span class="caret"></span></a>
      <a href="#">Page 1-1</a>
        <a href="#">Page 1-2</a>
        <a href="#">Page 1-3</a>
      <a href="#">Page 2</a>
    <a href="#">Page 3</a>
   <a href="#"><span class="glyphicon glyphicon-user"></span>
Sign Up</a>
    <a href="#"><span class="glyphicon glyphicon-log-in"></span>
Login</a>
   </div>
</nav>
<div class="container">
 <h3> right Inverted Navbar</h3>
 An inverted navbar is black instead of gray.
</div>
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
  <script src="jquery.min.js"></script>
<script src="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-</pre>
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-</pre>
dismiss="modal">x</button>
         <h4 class="modal-title">Modal Header</h4>
       </div>
       <div class="modal-body">
         Write your text in the modal.
       </div>
       <div class="modal-footer">
         <button type="button" class="btn btn-default" data-</pre>
dismiss="modal">Close</button>
       </div>
     </div>
   </div>
 </div>
</div>
```

```
</body>
</html>
<!DOCTYPE html>
<html lang="en">
  <head>
     <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
  <script src="jquery.min.js"></script>
<script src="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-</pre>
toggle="modal" data-target="#myModal">Open Modal</button>
  <!-- Modal -->
  <div class="modal fade" id="myModal" role="dialog">
   <div class="modal-dialog modal-sm">
      <!-- Modal content-->
      <div class="modal-content">
       <div class="modal-header">
         <button type="button" class="close" data-</pre>
dismiss="modal">x</button>
         <h4 class="modal-title">Modal Header</h4>
       </div>
       <div class="modal-body">
         Write your text in the modal.
       </div>
       <div class="modal-footer">
         <button type="button" class="btn btn-default" data-</pre>
dismiss="modal">Close</button>
       </div>
      </div>
```

## **Bootstrap Popover**

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

To create a popover, add the **data-toggle="popover"** attribute to an element and the title attribute to specify the header text of the popover, the data-content attribute to specify the text that should be displayed inside the popover's body.

```
<!DOCTYPE html>
<html lang="en">
  <head>
     <title>Job</title>
     <link rel="stylesheet" href="css/bootstrap.min.css"/>
  <script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
  </head>
  <body>
<div class="container">
  <h3>Popover Example</h3>
  <a href="#" data-toggle="popover" title="Popover Header" data-</pre>
content="Some content inside the popover">Toggle popover</a>
</div>
<script>
$(document).ready(function(){
    $('[data-toggle="popover"]').popover();
});
</script>
```

Bootstrap Complete Notes: By KM INFOTECH

```
</body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 <script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </head>
 <body>
    <div class="container">
 <h3>Popover Example</h3>
 <a href="#" title="Header" data-toggle="popover" data-
placement="top" data-content="Content">Top</a>
   <a href="#" title="Header" data-toggle="popover" data-
placement="bottom" data-content="Content">Bottom</a>
   <a href="#" title="Header" data-toggle="popover" data-
placement="left" data-content="Content">Left</a>
   <a href="#" title="Header" data-toggle="popover" data-
placement="right" data-content="Content">Right</a>
 </div>
<script>
$(document).ready(function(){
   $('[data-toggle="popover"]').popover();
});
</script>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
```

```
<script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
  </head>
  <body>
     <div class="container">
  <h3>Popover Example</h3>
    <a href="#" title="Dismissible popover" data-toggle="popover"</pre>
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>
```

## **Bootstrap Scrollspy**

The Bootstrap Scrollspy plugin is used to automatically update links in a navigation list based on scroll position.

Bootstrap Complete Notes: By KM INFOTECH

```
#section41 {padding-top:50px;height:500px;color: #fff; background-
color: #00bcd4;}
 #section42 {padding-top:50px;height:500px;color: #fff; background-
color: #009688;}
 </style>
 <script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </head>
 <body>
 <nav class="navbar navbar-inverse navbar-fixed-top">
 <div class="container-fluid">
   <div class="navbar-header">
       <button type="button" class="navbar-toggle" data-</pre>
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>
     <div class="collapse navbar-collapse" id="myNavbar">
       <a href="#section1">Section 1</a>
         <a href="#section2">Section 2</a>
         <a href="#section3">Section 3</a>
         <a class="dropdown-toggle" data-</pre>
toggle="dropdown" href="#">Section 4 <span class="caret"></span></a>
          <a href="#section41">Section 4-1</a>
            <a href="#section42">Section 4-2</a>
           </div>
   </div>
 </div>
<div id="section1" class="container-fluid">
 <h1>Section 1</h1>
```

```
Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
  Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
</div>
<div id="section2" class="container-fluid">
 <h1>Section 2</h1>
 Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
 Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
</div>
<div id="section3" class="container-fluid">
 <h1>Section 3</h1>
 Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
 Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
</div>
<div id="section41" class="container-fluid">
  <h1>Section 4 Submenu 1</h1>
  Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
 Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
</div>
```

```
<div id="section42" class="container-fluid">
 <h1>Section 4 Submenu 2</h1>
 Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
 Try to scroll this section and look at the navigation bar while
scrolling!
Try to scroll this section and look at the navigation bar while
scrolling!
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
     <style>
 body {
     position: relative;
 ul.nav-pills {
     top: 20px;
     position: fixed;
 div.col-sm-9 div {
     height: 250px;
     font-size: 28px;
 #section1 {color: #fff; background-color: #1E88E5;}
 #section2 {color: #fff; background-color: #673ab7;}
 #section3 {color: #fff; background-color: #ff9800;}
 #section41 {color: #fff; background-color: #00bcd4;}
 #section42 {color: #fff; background-color: #009688;}
 @media screen and (max-width: 810px) {
   #section1, #section2, #section3, #section41, #section42 {
       margin-left: 150px;
```

```
}
 }
 </style>
 <script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </head>
<body data-spy="scroll" data-target="#myScrollspy" data-offset="20">
<div class="container">
 <div class="row">
   <nav class="col-sm-3" id="myScrollspy">
     <a href="#section1">Section 1</a>
       <a href="#section2">Section 2</a>
       <a href="#section3">Section 3</a>
       <a class="dropdown-toggle" data-toggle="dropdown"</pre>
href="#">Section 4 <span class="caret"></span></a>
        <a href="#section41">Section 4-1</a>
          <a href="#section42">Section 4-2</a>
        </nav>
   <div class="col-sm-9">
     <div id="section1">
      <h1>Section 1</h1>
       Try to scroll this section and look at the navigation list
while scrolling!
     </div>
     <div id="section2">
       <h1>Section 2</h1>
       Try to scroll this section and look at the navigation list
while scrolling!
     </div>
     <div id="section3">
       <h1>Section 3</h1>
       Try to scroll this section and look at the navigation list
while scrolling!
```

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</div>
     <div id="section41">
      <h1>Section 4-1</h1>
      Try to scroll this section and look at the navigation list
while scrolling!
    </div>
     <div id="section42">
      <h1>Section 4-2</h1>
      Try to scroll this section and look at the navigation list
while scrolling!
    </div>
   </div>
 </div>
</div>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
 <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 <script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
 </head>
<body>
Maecenas sed diam eget risus varius blandit sit
amet non magna.
Maecenas sed diam eget risus varius blandit
sit amet non magna.
Maecenas sed diam eget risus varius blandit
sit amet non magna.
Maecenas sed diam eget risus varius blandit sit
amet non magna.
Maecenas sed diam eget risus varius blandit
sit amet non magna.
```

```
Maecenas sed diam eget risus varius blandit sit
amet non magna.
<a href="#" class="text-muted">Muted link</a>
<a href="#" class="text-primary">Primary link</a>
<a href="#" class="text-success">Success link</a>
<a href="#" class="text-info">Info link</a>
<a href="#" class="text-warning">Warning link</a>
<a href="#" class="text-danger">Danger link</a>
 </body>
</html>
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Job</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
 <script src="jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<style>
.container {
margin-top: 30px;
color: red;
}
p {
color: green;
font-size: 20px;
margin-top: 30px;
}
body {
background-color: black;
}
</style>
 </head>
<body>
<div class="container" align ="center">
   <h2> Example 1: <b> Shopping-cart Glyp </b> </h2>
   Shopping-cart icon design 1: <span class="glyphicon glyphicon-</p>
shopping-cart"> </span>
</div>
```

</body>

