



**MODULE-7**  
**TWITTER BOOTSTRAP 3 PROJECT**

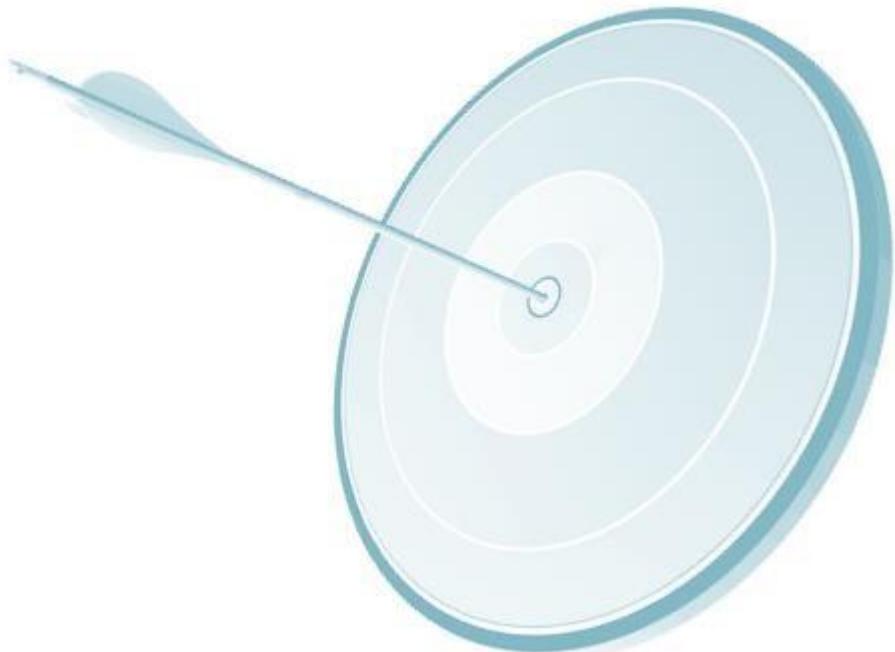
# Course Topics

- **Module 1**
  - » Deploying the first Website to Amazon S3
- **Module 2**
  - » Creating web pages with HTML5
- **Module 3**
  - » Styling web pages using CSS
- **Module 4**
  - » CSS3 effects and animations
- **Module 5**
  - » Handling events with JavaScript
- **Module 6**
  - » Twitter Bootstrap 3
- **Module 7**
  - » **Twitter Bootstrap 3 Project**
- **Module 8**
  - » Bootstrap ScrollSpy, jQuery and jQuery UI
- **Module 9**
  - » Ajax, Google APIs, Social Plugins
- **Module 10**
  - » Project - Building Website Tour

# Objectives

By the end of this module, you will be able to:

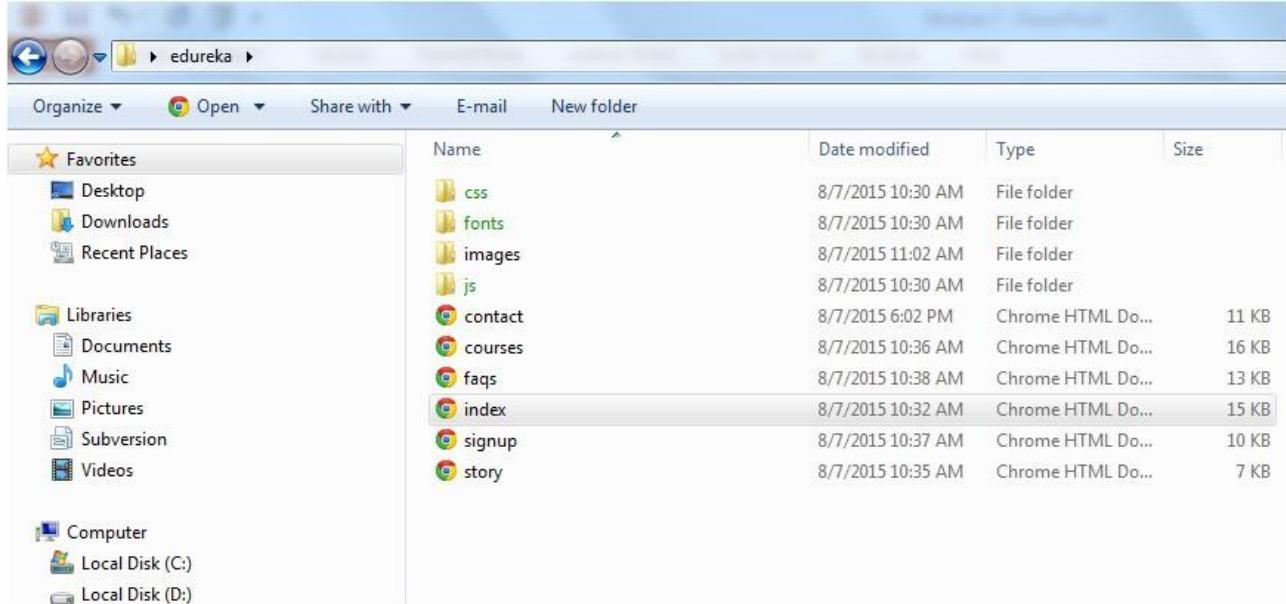
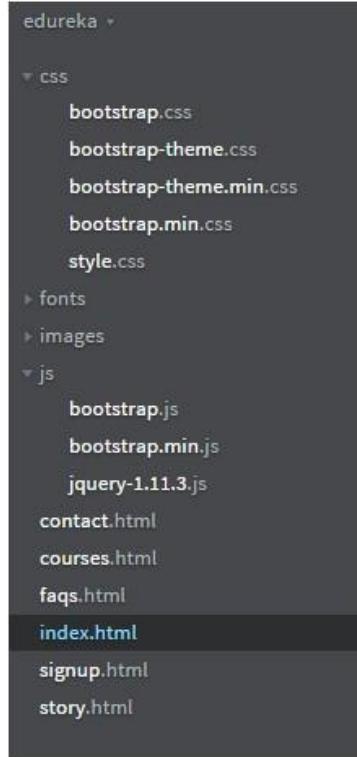
- Learn how to combine all the Bootstrap 3 components
- Create Bootstrap 3 Top Fixed Dropdown Navigation Bar
- Create Bootstrap 3 Carousel
- Create Bootstrap 3 Modal
- Display Google Maps on web page
- Create Bootstrap3 collapsible panels (accordion)
- Create a complete website with Twitter Bootstrap 3



# Bootstrap Components

- In the previous module we saw how to use different Twitter Bootstrap 3 components like fixed navigation bar, carousel, bootstrap grids, collapsible panels (accordion), forms, modals, image thumbnails, jumbotron, font awesome icons
- In this module we are going to combine all these bootstrap components to create a complete website.
- You can see the live demo here <http://s3freebucket.s3-website-ap-southeast-1.amazonaws.com/edureka/index.html>

# Project Structure



Project Structure in Adobe Brackets IDE

→ Note that we have 6 html pages index, courses, contact, faqs, signup and story

# Website Landing Page – index.html



Instructor-led live online courses with 24x7 on demand support

[index.html](#)

# Creating index.html page – Fixed nav bar

→ On index.html page first we have a , top fixed navigation bar. So lets create it

```
<!DOCTYPE html>
<html>
<head>
    <link type="text/css" rel="stylesheet" href="css/bootstrap.min.css" />
    <link href="http://netdna.bootstrapcdn.com/font-awesome/3.2.1/css/font-awesome.css" type="text/css" rel="stylesheet" />
</head>
<body>

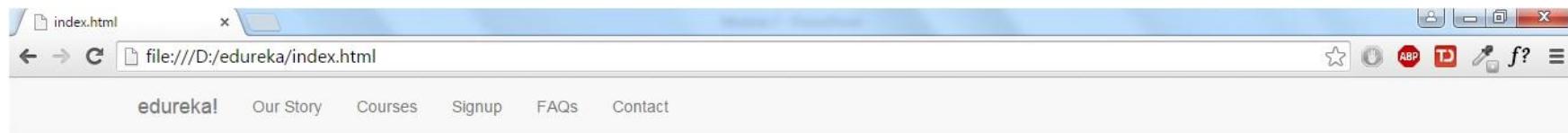
    <!-- Top Fixed Navigation bar -->
    <div class="navbar navbar-default navbar-fixed-top">
        <div class="container">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
                    <span class="icon-bar" ></span>
                    <span class="icon-bar" ></span>
                    <span class="icon-bar" ></span>
                </button>
                <a href="index.html" class="navbar-brand">edureka!</a>
            </div>

            <div class="navbar-collapse collapse">
                <ul class="nav navbar-nav">
                    <li><a href="story.html">Our Story</a></li>
                    <li><a href="courses.html">Courses</a></li>
                    <li><a href="signup.html">Signup</a></li>
                    <li><a href="faqs.html">FAQs</a></li>
                    <li><a href="contact.html">Contact</a></li>
                </ul>
            </div>
        </div>
    </div>
    <!-- Complete Top Fixed Navigation bar -->

    <script src="js/jquery-1.11.3.js"></script>
    <script src="js/bootstrap.js"></script>
</body>
</html>
```

# Creating index.html page – Fixed nav bar (Contd.)

→ On running the index.html you would see the top fixed navigation bar as shown below. Note that we have 5 nav links on navigation bar and brand name edureka! Is linked to index.html page



- » [Our Story](#) Nav element is linked to [story.html](#) page
- » [Courses](#) Nav element is linked to [courses.html](#) page
- » [Signup](#) Nav element is linked to [signup.html](#) page
- » [FAQs](#) Nav element is linked to [faqs.html](#) page
- » [Contact](#) Nav element is linked to [contact.html](#) page

# Creating index.html page – Carousel

→ After Fixed Navigation Bar we have carousel with three slides. On each carousel slide we have a heading, some text and a button with link to signup.html page

```
<!-- Carousel ----->

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

  <div class="carousel-inner">
    <div class="item active">
      
      <div class="container">
        <div class="carousel-caption">
          <h1>Just Learn It</h1>
          <p>Wanted to learn something new, just do it</p>
          <p><a href="signup.html" class="btn btn-large btn-primary">Sign Up</a></p>
        </div>
      </div>
    </div>
  </div>
</div>

<a class="left carousel-control" href="#myCarousel" data-slide="prev">
  <span class="glyphicon glyphicon-chevron-left"></span>
</a>

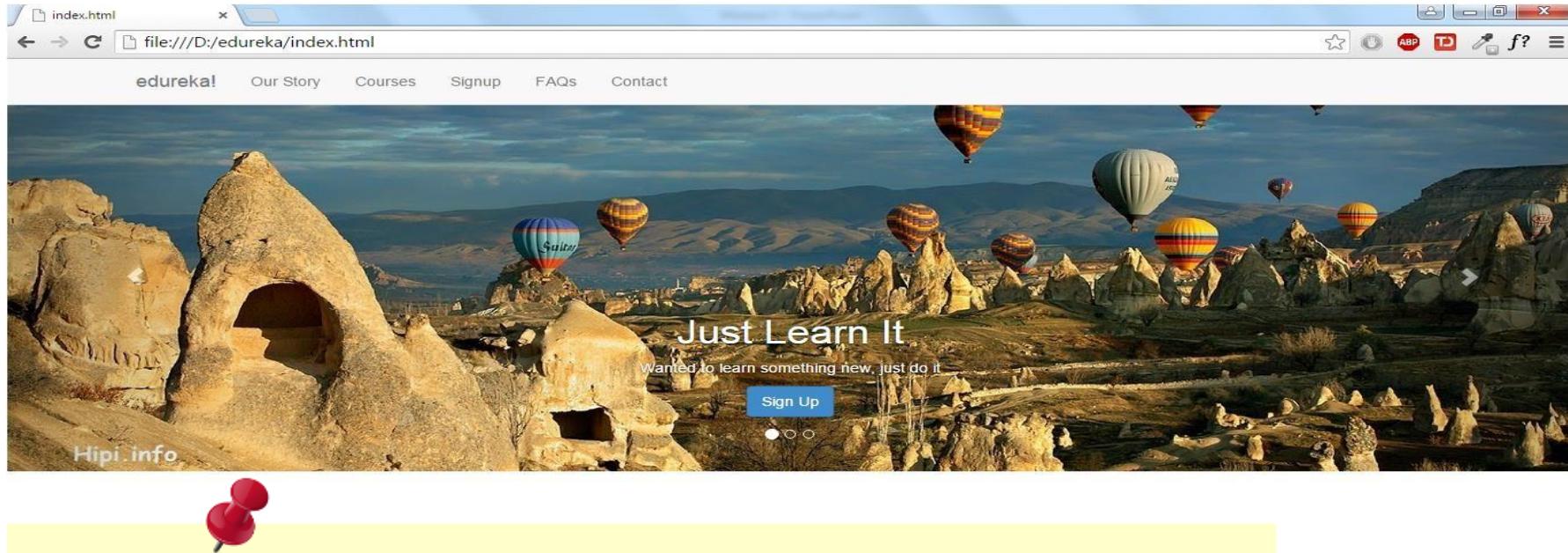
<a class="right carousel-control" href="#myCarousel" data-slide="next">
  <span class="glyphicon glyphicon-chevron-right"></span>
</a>
</div>

<!-- Carousel Complete ----->
```

 Note that carousel have id myCarousel with carousel indicators and left and right carousel controls

# Creating index.html page – Carousel (Contd.)

→ After Adding Carousel your index.html page will look as below



Note that on clicking carousel left and right controls nothing will happen as currently we have only one element inside carousel-inner div. So lets add other two elements inside carousel-inner div

# Creating index.html page – Carousel (Contd.)

→ Below we have added other two div elements inside **carousel-inner** div. Note that only first div element is marked active

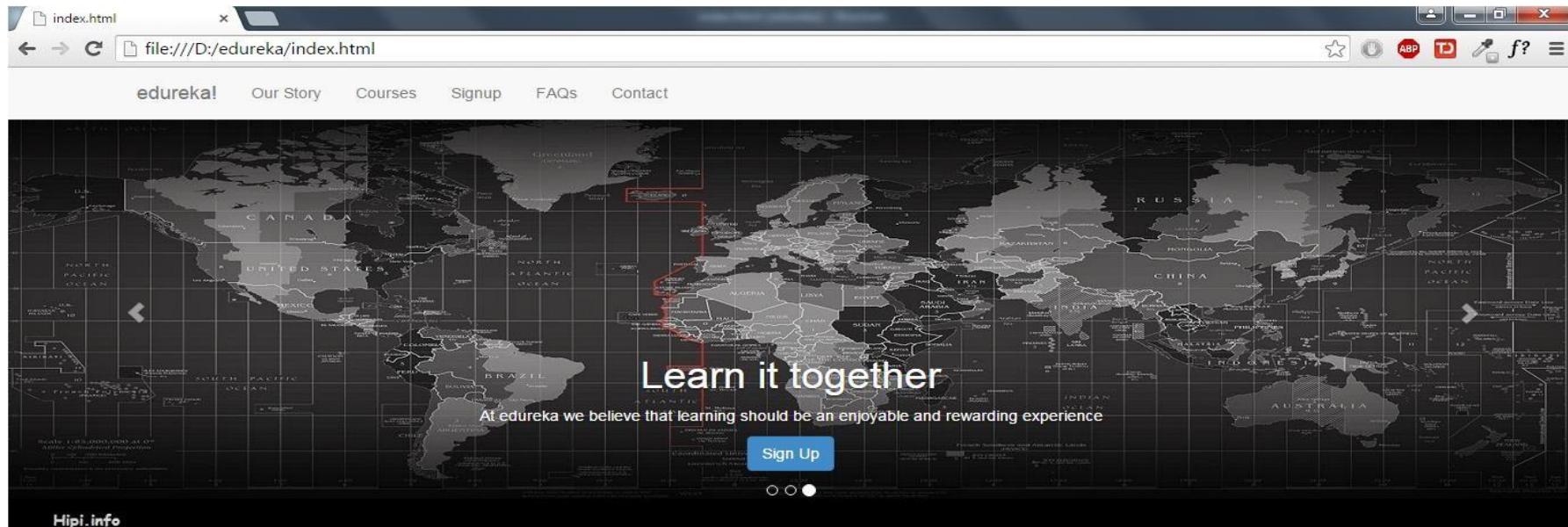
```
<div class="carousel-inner">
    <div class="item active">
        
        <div class="container">
            <div class="carousel-caption">
                <h1>Just Learn It</h1>
                <p>Wanted to learn something new, just do it</p>
                <p><a href="signup.html" class="btn btn-large btn-primary">Sign Up</a></p>
            </div>
        </div>
    </div>

    <div class="item ">
        
        <div class="container">
            <div class="carousel-caption">
                <h1>Move with Confidence</h1>
                <p>Get skills, get confidence</p>
                <p><a href="signup.html" class="btn btn-large btn-primary">Sign Up</a></p>
            </div>
        </div>
    </div>

    <div class="item ">
        
        <div class="container">
            <div class="carousel-caption">
                <h1>Learn it together</h1>
                <p>At edureka we believe that learning should be an enjoyable and rewarding experience</p>
                <p><a href="signup.html" class="btn btn-large btn-primary">Sign Up</a></p>
            </div>
        </div>
    </div>
</div>
```

# Creating index.html page – Carousel (Contd.)

→ After adding all the three carousel elements you will be able to switch through the carousel slides



Note that you can put any number of slides inside carousel

# Creating index.html page – Center Text

→ After Carousel we have a single line aligned center. Note that there is some space between carousel and the text line. To provide space you can specify it in external CSS file or just use <br> tags

```
<br/><br/><br/>  
<h2 align="center">Instructor-led live online courses with 24x7 on demand support</h2>
```



Instructor-led live online courses with 24x7 on demand support

# Creating index.html page – Image Grid

→ After Centered text we have an image grid with three images each taking column size 4

```
<br/><br/><br/><br/><br/>
<!-- Image Grid ----->

<div class="container">
  <div class="row">

    <div class="col-md-4">
      
    </div>

    <div class="col-md-4">
      
    </div>

    <div class="col-md-4">
      
    </div>

  </div>
</div>

<!-- Image Grid complete ----->
```



# Creating index.html page – Text Grid

→ After putting Image Grid, lets put some text to explain what each image is for

```
<!----- Text Grid ----->

<div class="container">

    <div class="row">
        <div class="col-md-4">
            <h2>Live classes</h2>
            <p>Learn from our Experts and get Real-Time Guidance </p>
        </div>

        <div class="col-md-4">
            <h2>Flexible schedule</h2>
            <p>Reschedule your Batch/Class at Your Convenience </p>
        </div>

        <div class="col-md-4">
            <h2>24 X 7 Support</h2>
            <p>Personalized Guidance from our 24X7 Support Team </p>
        </div>
    </div>

</div>
<!-- Text Grid Complete ----->
```

# Creating index.html page – Text Grid (Contd.)

→ After adding Text grid index.html page will look as below

Instructor-led live online courses with 24x7 on demand support



## Live classes

Learn from our Experts and get Real-Time Guidance



## Flexible schedule

Reschedule your Batch/Class at Your Convenience



## 24 X 7 Support

Personalized Guidance from our 24X7 Support Team

# Creating index.html page – Custom Thumbnails

→ After Text Grid we show the Edureka's fresh baked courses as custom thumbnails. Note that we have displayed six courses so will create six thumbnails each with column size 2

```
<!-- Text Grid Complete ----->
<br/><br/><br/>
<h2 align="center">Fresh Baked Courses</h2>

<!-- Custom Thumbnails Begin ----->
<div class="container">
    <div class="row">
        <div class="col-md-2">
            <div class="thumbnail">
                
                <div class="caption">
                    <h3>Mobile Marketing</h3>
                    <p>Master Mobile Marketing</p>
                    <p><a target="_blank" href="http://www.edureka.co/mobile-marketing" class="btn btn-success">Learn More</a></p>
                </div>
            </div>
        </div>
    </div>
</div>

<!-- Custom Thumbnails Completed ----->
```

# Creating index.html page – Custom Thumbnails

index.html

file:///D:/edureka/index.html

edureka! Our Story Courses Signup FAQs Contact

Live classes

Learn from our Experts and get Real-Time Guidance

Flexible schedule

Reschedule your Batch/Class at Your Convenience

24 X 7 Support

Personalized Guidance from our 24X7 Support Team

Fresh Baked Courses

MOBILE MARKETING

Mobile Marketing

Master Mobile Marketing

Learn More

After Adding Custom Thumbnails

→ Lets add other five custom thumbnails

# Creating index.html page – Custom Thumbnails

```
<!-- Custom Thumbnails Begin ----->
<div class="container">
  <div class="row">
    <div class="col-md-2">
      <div class="thumbnail">
        
        <div class="caption">[...]</div>
      </div>
    </div>
    <div class="col-md-2">
      <div class="thumbnail">
        
        <div class="caption">[...]</div>
      </div>
    </div>
  </div>
</div>
<!-- Custom Thumbnails Completed ---->
```

# Creating index.html page – Custom Thumbnails

The screenshot shows a web browser window displaying the `index.html` file from the local file system at `file:///D:/edureka/index.html`. The page has a clean, modern design with a white background and a light blue header bar.

**Header:**

- Navigation icons: Back, Forward, Stop, Refresh, Home, Favorites, etc.
- Address bar: `file:///D:/edureka/index.html`
- Edureka! logo and navigation menu: Our Story, Courses, Signup, FAQs, Contact.

**Section 1: Live classes**

- 
- Live classes**
- Learn from our Experts and get Real-Time Guidance

**Section 2: Flexible schedule**

- 
- Flexible schedule**
- Reschedule your Batch/Class at Your Convenience

**Section 3: 24 X 7 Support**

- 
- 24 X 7 Support**
- Personalized Guidance from our 24X7 Support Team

**Fresh Baked Courses**

 <b>Mobile Marketing</b> Master Mobile Marketing <a href="#">Learn More</a>	 <b>Digital Marketing</b> Skill of Digital Marketing <a href="#">Learn More</a>	 <b>Master SEO</b> Master the tricks to improve page ranking <a href="#">Learn More</a>	 <b>Email Marketing</b> Learn Email Marketing <a href="#">Learn More</a>	 <b>Media Analytics</b> Learn Digital Media Analytics <a href="#">Learn More</a>	 <b>Social Marketing</b> Learn Social Media Marketing <a href="#">Learn More</a>
--	--	--	---	---	---

After adding all 6 thumbnails

# Creating index.html page – Font Awesome Icons

→ After thumbnails we are going to add font-awesome icons, so lets do it

```
<head>
    <link type="text/css" rel="stylesheet" href="css/bootstrap.min.css" />
    <link href="http://netdna.bootstrapcdn.com/font-awesome/3.2.1/css/font-awesome.css" type="text/css" rel="stylesheet" />
</head>

<br/><br/><br/>
<!--  Font Awesome Icons ----->
<div class="container">
    <div class="row">
        <div class="col-md-12">
            <div class="well">
                <a target="_blank" href="https://www.linkedin.com/company/edureka"><i class="icon-linkedin"></i></a>
                <a target="_blank" href="https://twitter.com/edurekain"><i class="icon-twitter"></i></a>
                <a target="_blank" href="https://www.facebook.com/edurekaIN"><i class="icon-facebook"></i></a>
                <a target="_blank" href="https://www.youtube.com/user/edurekaIN"><i class="icon-youtube"></i></a>
                <a target="_blank" href="https://plus.google.com/+edurekaIN/"><i class="icon-google-plus"></i></a>
            </div>
        </div>
    </div>
</div>

<!--  Font awesome ends --->
```



Note that we have added font-awesome css that is required to show font awesome icons

# Creating index.html page – Font Awesome Icons

## Fresh Baked Courses

 <b>Mobile Marketing</b> Master Mobile Marketing <a class="button" href="#">Learn More</a>	 <b>Digital Marketing</b> Skill of Digital Marketing <a class="button" href="#">Learn More</a>	 <b>SEARCH ENGINE OPTIMIZATION</b> Master the tricks to improve page ranking <a class="button" href="#">Learn More</a>	 <b>EMAIL MARKETING</b> Learn Email Marketing <a class="button" href="#">Learn More</a>	 <b>DIGITAL MEDIA ANALYTICS</b> Learn Digital Media Analytics <a class="button" href="#">Learn More</a>	 <b>SOCIAL MEDIA MARKETING</b> Learn Social Media Marketing <a class="button" href="#">Learn More</a>
--	--	--	--	---	---



Note that even though we are able to show that we are going to define an external CSS (style.css) font-awesome icons they are very small and we have to increase the padding between icons. To do

# Creating index.html page – Font Awesome Icons

```
<head>
  <link type="text/css" rel="stylesheet" href="css/bootstrap.min.css" />
  <link type="text/css" rel="stylesheet" href="css/style.css" />
  <link href="http://netdna.bootstrapcdn.com/font-awesome/3.2.1/css/font-awesome.css" type="text/css" rel="stylesheet" />
</head>
```

Include the external CSS(style.css) in index.html

```
<br/><br/><br/>
<!--  Font Awesome Icons ----->
<div class="container">
  <div class="row">
    <div class="col-md-12">
      <div class="well">
        <a target="_blank" href="https://www.linkedin.com/company/edureka"><i class="bigIcon icon-linkedin"></i></a>
        <a target="_blank" href="https://twitter.com/edurekain"><i class="bigIcon icon-twitter"></i></a>
        <a target="_blank" href="https://www.facebook.com/edurekaIN"><i class="bigIcon icon-facebook"></i></a>
        <a target="_blank" href="https://www.youtube.com/user/edurekaIN"><i class="bigIcon icon-youtube"></i></a>
        <a target="_blank" href="https://plus.google.com/+edurekaIN/"><i class="bigIcon icon-google-plus"></i></a>
      </div>
    </div>
  </div>
</div>

<!--  Font awesome ends --->
```

index.html

```
.bigIcon{
  font-size:40px;
  padding-left: 45px;
  padding-right: 130px;
}

a:hover{
  text-decoration: none;
}
```

style.css

# Creating index.html page – Font Awesome Icons

## Fresh Baked Courses



### Mobile Marketing

Master Mobile Marketing

[Learn More](#)



### Digital Marketing

Skill of Digital Marketing

[Learn More](#)



### Master SEO

Master the tricks to improve page ranking

[Learn More](#)



### Learn Email Marketing

Learn Email Marketing

[Learn More](#)



### Media Analytics

Learn Digital Media Analytics

[Learn More](#)



### Social Marketing

Learn Social Media Marketing

[Learn More](#)



index.html after font-awesome icons

# Creating index.html page – Footer

→ Now the only thing remaining in the landing page (index.html) is footer and the modal. Lets create the footer first

```
<br/>
<!-- Footer Starts ---->
<div class="container">
  <div class="row">
    <p align="center">Copyright © 2015 Brain4ce Education Solutions Pvt. Ltd. All rights reserved.
      <a data-toggle="modal" href="#myModal">Terms and Conditions</a>
    </p>
  </div>
</div>

<!-- Footer Ends ----->
```



Note that on clicking the link Terms and Conditions we will toggle the modal with id myModal. Next we will define the myModal

# Creating index.html page – Footer (Contd.)

→ Below is the index.html page after adding footer. Lets add the last thing which is myModal that will be displayed on clicking the [Terms and Conditions](#) link

## Fresh Baked Courses



**MOBILE MARKETING**

Mobile Marketing

Master Mobile Marketing

[Learn More](#)



**DIGITAL MARKETING**

Digital Marketing

Skill of Digital Marketing

[Learn More](#)



**SEARCH ENGINE OPTIMIZATION**

Master SEO

Master the tricks to improve page ranking

[Learn More](#)



**EMAIL MARKETING**

Learn Email Marketing

Learn Email Marketing

[Learn More](#)



**DIGITAL MEDIA ANALYTICS**

Media Analytics

Learn Digital Media Analytics

[Learn More](#)



**SOCIAL MEDIA MARKETING**

Social Marketing

Learn Social Media Marketing

[Learn More](#)



# Creating index.html page – Modal

→ Here we have defined the modal with id **myModal** that will be shown on clicking the **Terms and Conditions** link which is in the footer

```
<!-- Modal Starts -->

<div class="modal fade" id="myModal" tabindex="-1" role="dialog" aria-hidden="true" >
  <div class="modal-dialog">
    <div class="modal-content">

      <div class="modal-header">
        <h2>Terms and conditions</h2>
      </div>

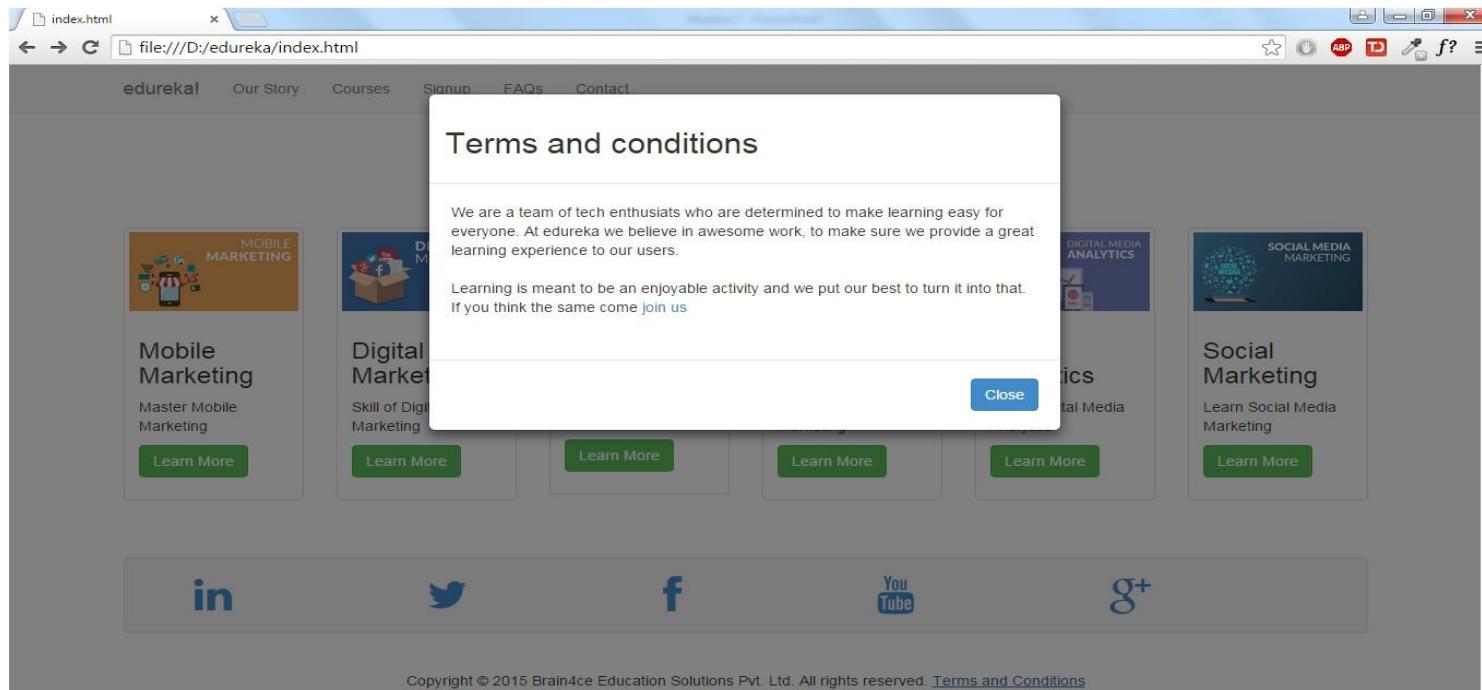
      <div class="modal-body">
        <p>We are a team of tech enthusiasts who are determined to make learning easy for everyone.  

          At edureka we believe in awesome work, to make sure we provide a great learning experience to our users.<br/> <br/>
        Learning is meant to be an enjoyable activity and we put our best to turn it into that.
        <br/>
        If you think the same come <a target="_blank" href="http://www.edureka.co/careers">join us</a>
      </p>
    </div>

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

<!-- Modal Ends -->
```

# Creating index.html page – Modal (Contd.)



Index.html bootstrap modal

# Creating story.html page

We are bunch of awesome people working together to make you awesome



**Who we are**

We are humans who are working hard for creating awesome courses to bring the hero within you.

**What we do**

We create technical courses which helps people learn new technologies and advance in their careers

**What we love**

Some of us love extra cup of tea and cuppa and others likes to have some beer

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[story.html](#)

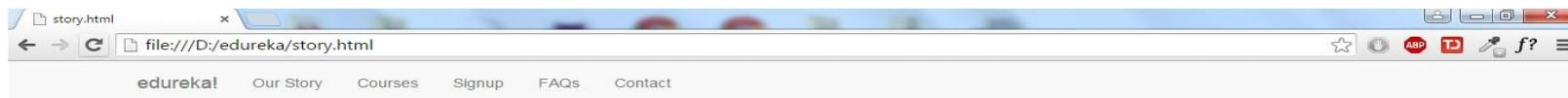
# Creating story.html page – Tag line

- There is nothing much in story.html page. We have a top fixed navigation bar, a tag line(text), a centered image, a text grid (3 columns each of size 4) and a footer
- Since we have already created navigation bar and the footer (with modal) we will reuse that code in story.html page

```
<br/><br/><br/>
<h2 align="center">We are bunch of awesome people working together to make you awesome</h2>
```



Note that we have reused the code for top fixed navigation bar and footer along with modal



We are bunch of awesome people working together to make you awesome

story.html

# Creating story.html page – Centered Image

- Next we are going to put an image after the tagline. Note that we are using <br> to give space , we can also define spacing in an external CSS file

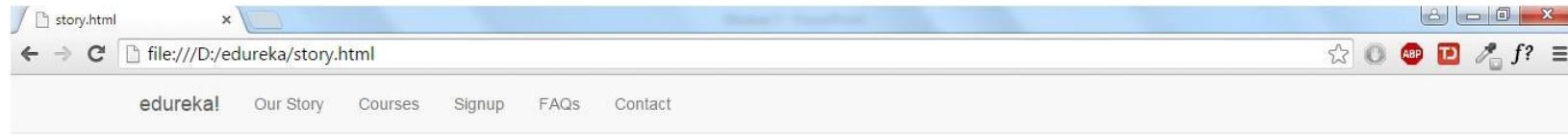
```
<br/><br/><br/>
<h2 align="center">We are bunch of awesome people working together to make you awesome</h2>

<br/>

<div class="container">
    <div class="row">
        <div class="col-md-12">
            
        </div>
    </div>
</div>
```

story.html

# Creating story.html page



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[story.html](#)

# Creating story.html page – Text Grid

→ Next we are going to create a text grid with 3 columns each of size 4

```
<!-- Text Grid Starts ----->

<div class="container">

    <div class="row">
        <div class="col-md-4">
            <h2>Who we are</h2>
            <p>We are humans who are working hard for creating awesome courses to bring the hero within you </p>
        </div>

        <div class="col-md-4">
            <h2>What we do</h2>
            <p>We create technical courses which helps people learn new technologies and advance in their careers </p>
        </div>

        <div class="col-md-4">
            <h2>What we love</h2>
            <p>Some of us love extra cup of tea and cuppa and others likes to have some beer </p>
        </div>
    </div>
</div>

<!-- Text Grid Completed ----->
```

[story.html](#)

# Creating story.html page

→ After adding the text grid here is how our story.html page looks, and we are done with story page

story.html

file:///D:/edureka/story.html

edureka! Our Story Courses Signup FAQs Contact

We are bunch of awesome people working together to make you awesome



**Who we are**

We are humans who are working hard for creating awesome courses to bring the hero within you.

**What we do**

We create technical courses which helps people learn new technologies and advance in their careers.

**What we love**

Some of us love extra cup of tea and cuppa and others likes to have some beer.

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story.html

# Creating courses.html page

→ Next we are going to create courses page as shown below

The screenshot shows a web browser window with the URL [s3freebuckets3-website-ap-southeast-1.amazonaws.com/edureka/courses.html](http://s3freebuckets3-website-ap-southeast-1.amazonaws.com/edureka/courses.html). The page has a header with the logo 'edureka!', 'Our Story', 'Courses', 'Signup', 'FAQs', and 'Contact'. The main content area has a large title 'Courses' and a subtitle 'Here are our well cooked and baked courses prepared for you, yes specially for you'. Below this, there is a section titled 'Programming and Web Development' featuring six course cards:

- AngularJS**: Try this superheroic framework. [Learn More](#)
- Hibernate**: Popular persistence framework. [Learn More](#)
- Front End**: Develop eye catching UI. [Learn More](#)
- Python**: Master the art of python. [Learn More](#)
- Perl**: Let perl scripts do it for you. [Learn More](#)
- Spring**: Master Spring Framework. [Learn More](#)

courses.html

# Creating courses.html page - Jumbotron

- In courses.html page we have a fixed top navigation bar, a jumbotron, three custom thumbnail grids, a footer and a modal. So lets create the jumbotron first
- We will resuse the code for navigation bar, footer and modal from index.html page

```
<!----- Jumbotron Starts ----->

<br/><br/><br/><br/><br/>
<div class="container">
    <div class="row">
        <div class="col-md-12">

            <div class="jumbotron">
                <h1>Courses</h1>
                <p>Here are our well cooked and baked courses prepared for you, yes specially for you</p>
            </div>

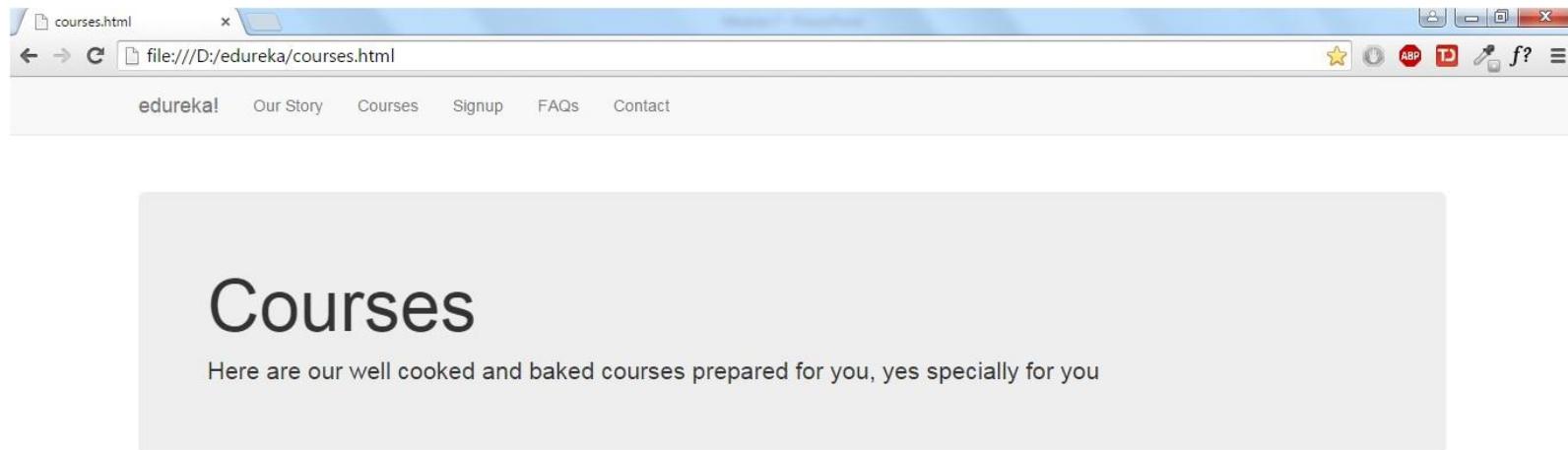
        </div>
    </div>
</div>

<!----- Jumbotron Ends ----->
```

courses.html

# Creating courses.html page - Jumbotron (Contd.)

→ Once we are done with Jumbotron our courses.html page will look like as shown below



courses.html

# Creating courses.html page – Custom Thumbnails

→ Next we have a header and custom thumbnails to be built. So lets built it

```
<!---- Custom Thumbnails Starts ---->
<div class="container">
    <div class="row">
        <div class="col-md-12">
            <h2>Programming and Web Development</h2><hr/>
        </div>
    </div>

    <div class="row">
        <div class="col-md-2">
            <div class="thumbnail">
                
                <div class="caption">
                    <h3>AngularJS</h3>
                    <p>Try this superheroic framework</p>
                    <p><a target="_blank" href="http://www.edureka.co/angular-js" class="btn btn-success">Learn More</a></p>
                </div>
            </div>
        </div>
    </div>
</div>

<!----Custom Thumbnails Completed ----->
```

courses.html

# Creating courses.html page – Custom Thumbnails

→ Now courses.html page look like as shown below, lets add other custom thumbnails to fill the entire row

## Programming and Web Development



[courses.html](#)

# Creating courses.html page – Custom Thumbnails

→ In the code shown below we have added the remaining 5 custom thumbnails

```
<div class="row">
  <div class="col-md-2">
    <div class="thumbnail">
      
      <div class="caption">[...]</div>
    </div>
  </div>
  <div class="col-md-2">
    <div class="thumbnail">
      
      <div class="caption">[...]</div>
    </div>
  </div>
</div>
```

courses.html

# Creating courses.html page – Custom Thumbnails

→ After adding the remaining custom thumbnails courses.html page will look like as shown below

## Programming and Web Development

 <b>ANGULARJS</b> AngularJS Try this superheroic framework <a href="#">Learn More</a>	 <b>PERSISTENCE WITH HIBERNATE</b> Hibernate Popular persistence framework <a href="#">Learn More</a>	 <b>FRONT END WEB DEVELOPMENT</b> Front End Develop eye catching UI <a href="#">Learn More</a>	 <b>MASTERING PYTHON</b> Python Master the art of python <a href="#">Learn More</a>	 <b>MASTERING PERL SCRIPTING</b> Perl Let perl scripts do it for you <a href="#">Learn More</a>	 <b>SPRING FRAMEWORK</b> Spring Master Spring Framework <a href="#">Learn More</a>
--	--	---	---	--	---

[courses.html](#)

# Creating courses.html page – Custom Thumbnails

→ Lets add the second set of custom thumbnails which will contain Big Data and Hadoop related courses

```
<!--Custom Thumbnails 2 Started-->  


## Big Data and Hadoop



---



...



...



...



...



...



...



...



---



-- Custom Thumbnails 2 Completed -->


```

courses.html

# Creating courses.html page – Custom Thumbnails

→ Once you add the second set of custom thumbnails, courses.html page will look like as shown below

## Big Data and Hadoop

 <p><b>BIG DATA &amp; HADOOP</b></p> <p>BigData Hadoop</p> <p>Dive into BigData</p> <p><a href="#">Learn More</a></p>	 <p><b>HADOOP ADMINISTRATION</b></p> <p>Master Hadoop</p> <p>Master Hadoop</p> <p><a href="#">Learn More</a></p>	 <p><b>TALEND FOR BIG DATA</b></p> <p>Talend for BigData</p> <p>Talend for BigData</p> <p><a href="#">Learn More</a></p>	 <p><b>REAL-TIME ANALYTICS WITH APACHE KAFKA</b></p> <p>Apache Kafka</p> <p>Analysis with Kafka</p> <p><a href="#">Learn More</a></p>	 <p><b>APACHE MAHOUT</b></p> <p>Apache Mahout</p> <p>Master Mahout</p> <p><a href="#">Learn More</a></p>	 <p><b>APACHE SPARK &amp; SCALA</b></p> <p>Apache Spark</p> <p>Process Data Fast</p> <p><a href="#">Learn More</a></p>
--	---	---	---	---	---

[courses.html](#)

# Creating courses.html page – Custom Thumbnails

- The only thing that is left in courses.html page is last set of custom thumbnails for the fresh baked courses

```
<!--Custom Thumbnails 3 Started-->
<h1 align="center">Fresh Baked Courses</h1><br/>
<div class="container">
  <div class="row">
    <div class="col-md-2">
      <div class="thumbnail"> ... </div>
    </div>
    <div class="col-md-2">
      <div class="thumbnail"> ... </div>
    </div>
  </div>
</div>
<!--Custom Thumbnails 3 Completed ----->
```

courses.html

# Creating courses.html page – Custom Thumbnails

→ With the last set of custom thumbnails we are done with courses.html page

## Fresh Baked Courses



### Mobile Marketing

Master Mobile Marketing

[Learn More](#)



### Digital Marketing

Skill of Digital Marketing

[Learn More](#)



### Master SEO

Master the tricks to improve page ranking

[Learn More](#)



### Learn Email Marketing

Learn Email Marketing

[Learn More](#)



### Media Analytics

Learn Digital Media Analytics

[Learn More](#)



### Social Marketing

Learn Social Media Marketing

[Learn More](#)

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[courses.html](#)

# Creating signup.html page

→ On the signup.html page we have fixed top navigation bar, signup and login forms and a footer

The screenshot shows a web browser window with the URL [s3freebucket.s3-website-ap-southeast-1.amazonaws.com/edureka/signup.html](https://s3freebucket.s3-website-ap-southeast-1.amazonaws.com/edureka/signup.html). The page has a fixed header with the edureka! logo and navigation links: Our Story, Courses, Signup, FAQs, and Contact. Below the header, there are two main sections: "Not yet registered ?" (Signup form) and "Already have an account" (Login form). The Signup form includes fields for Name, Email, Password, Confirm, and Position (with options for Web Developer, Data Scientist, Beginner, and Geek who do all the shits). The Login form includes fields for Username and Password, and buttons for Let me in and Reset. At the bottom, there is a copyright notice: Copyright © 2015 Brain4ce Education Solutions Pvt. Ltd. All rights reserved. Terms and Conditions.

signup.html

# Creating signup.html page (Contd.)

→ Below we are creating a horizontal form for new user to signup

```
<br/><br/><br/>
<!-- Signup Form Started -->
<div class="container">
  <div class="row">
    <div class="col-md-6">
      <h2>Not yet registered ?</h2><hr/>
      <h3>Signup</h3><hr/>

      <form class="form-horizontal">
        <div class="form-group">
          <label for="name" class="col-sm-2 control-label">Name</label>
          <div class="col-sm-6">
            <input type="text" class="form-control" placeholder="Enter your name ..."/>
          </div>
        </div>
      </form>
    </div>
  </div>
</div>
<!-- Signup Form Completed --> |
```

signup.html

# Creating signup.html page (Contd.)

→ Once you added the horizontal form as shown in previous slide you will see the Signup form as shown below

The screenshot shows a web browser window with the title bar "signup.html" and the address bar "file:///D:/edureka/signup.html". The browser interface includes standard buttons for back, forward, search, and refresh, along with icons for star, lock, and other browser functions.

The main content area displays a header with the "edureka!" logo and navigation links: Our Story, Courses, Signup, FAQs, and Contact. Below this, a question "Not yet registered ?" is followed by a horizontal line. The word "Signup" is centered above a form field. The form field has a label "Name" to its left and a placeholder text "Enter your name ...". At the bottom of the page, there is a copyright notice: "Copyright © 2015 Brain4ce Education Solutions Pvt. Ltd. All rights reserved. [Terms and Conditions](#)".

[signup.html](#)

# Creating signup.html page (Contd.)

→ Below we have added email, password and confirm password field in the signup form

```
<form class="form-horizontal">
  <div class="form-group">
    <label for="name" class="col-sm-2 control-label">Name</label>
    <div class="col-sm-6">
      <input type="text" class="form-control" placeholder="Enter your name ..."/>
    </div>
  </div>

  <div class="form-group">
    <label for="email" class="col-sm-2 control-label">Email</label>
    <div class="col-sm-6">
      <input type="email" class="form-control" placeholder="Enter your email ..."/>
    </div>
  </div>

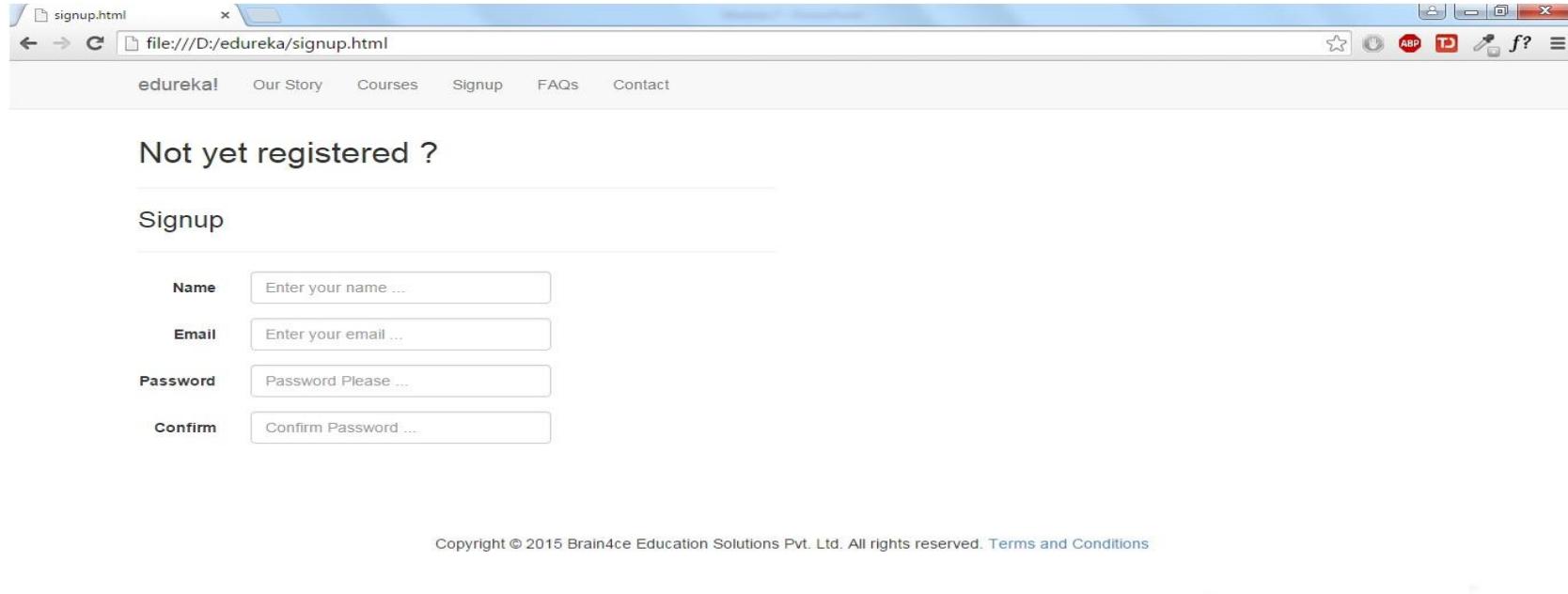
  <div class="form-group">
    <label for="password" class="col-sm-2 control-label">Password</label>
    <div class="col-sm-6">
      <input type="password" class="form-control" placeholder="Password Please ..."/>
    </div>
  </div>

  <div class="form-group">
    <label for="confirm" class="col-sm-2 control-label">Confirm</label>
    <div class="col-sm-6">
      <input type="password" class="form-control" placeholder="Confirm Password ..."/>
    </div>
  </div>
</form>
```

signup.html

# Creating signup.html page (Contd.)

→ After adding the email, password and confirm password field signup.html will look as shown below



The screenshot shows a web browser window with the title bar "signup.html". The address bar displays "file:///D:/edureka/signup.html". The page content is as follows:

Not yet registered ?

## Signup

---

**Name**

**Email**

**Password**

**Confirm**

At the bottom of the page, there is a copyright notice: "Copyright © 2015 Brain4ce Education Solutions Pvt. Ltd. All rights reserved. Terms and Conditions".

[signup.html](#)

# Creating signup.html page (Contd.)

→ Now we are going to add the checkboxes , below is the code which adds an inline checkbox

```
<div class="form-group">
  <label for="message" class="col-sm-2 control-label">Position</label>
  <div class="col-sm-10">

    <label class="checkbox-inline">
      <input type="checkbox" value="option1"/> Web Developer
    </label>

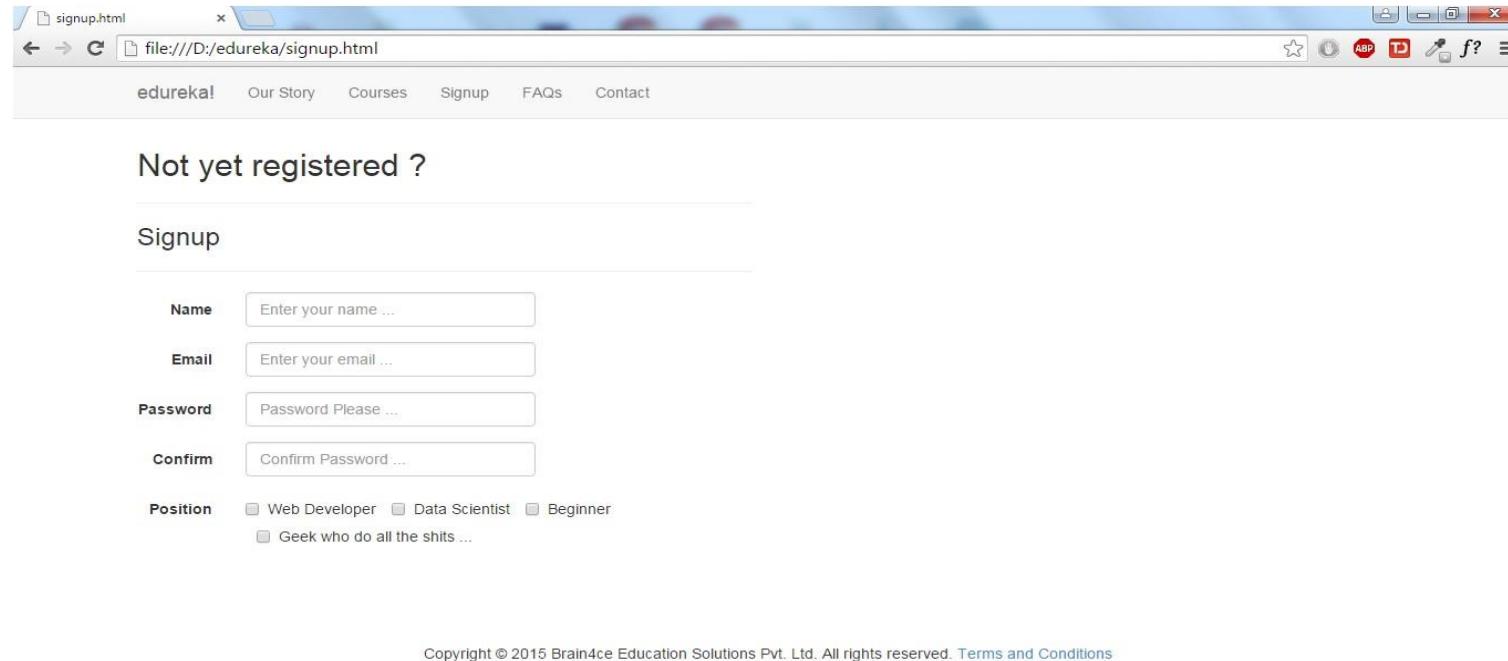
    <label class="checkbox-inline">
      <input type="checkbox" value="option2"/> Data Scientist
    </label>

    <label class="checkbox-inline">
      <input type="checkbox" value="option2"/> Beginner
    </label>

    <label class="checkbox-inline">
      <input type="checkbox" value="option1"/> Geek who do all the shits ...
    </label>

  </div>
</div>
```

# Creating signup.html page



signup.html

# Creating signup.html page (Contd.)

→ Lets add form submit and reset buttons

```
<br/>
<div class="form-group">
  <div class="col-sm-offset-2 col-sm-6">
    <button type="submit" class="btn btn-primary">Let's go</button>
    <button type="reset" class="btn btn-default">Reset</button>
  </div>
</div>
```

signup.html

# Creating signup.html page (Contd.)

→ Now we are done with signup form, next we are going to create a login form

The screenshot shows a web browser window with the title bar "signup.html". The address bar displays "file:///D:/edureka/signup.html". The page content is as follows:

**Not yet registered ?**

---

**Signup**

---

**Name**

**Email**

**Password**

**Confirm**

**Position**  Web Developer  Data Scientist  Beginner  
 Geek who do all the shits ...

**Let's go** **Reset**

signup.html

# Creating signup.html page (Contd.)

→ For login form we will just use a username and password field with two buttons as shown below

```
<!--  Login Form  ----->
<div class="col-md-6">
  <h2>Already have an account</h2><hr/>
  <h3>Login</h3><hr/>
  <form class="form-horizontal">
    <div class="form-group">
      <label for="username" class="col-sm-2 control-label">Username</label>
      <div class="col-sm-6">
        <input type="text" class="form-control" placeholder="Username or Email ..."/>
      </div>
    </div>

    <div class="form-group">
      <label for="password" class="col-sm-2 control-label">Password</label>
      <div class="col-sm-6">
        <input type="password" class="form-control" placeholder="Password ..."/>
      </div>
    </div>

    <br/>
    <div class="form-group">
      <div class="col-sm-offset-2 col-sm-6">
        <button type="submit" class="btn btn-primary">Let me in</button>
        <button type="reset" class="btn btn-default">Reset</button>
      </div>
    </div>
  </form>
</div>
<!-- Login Form complete ----->
```

signup.html

# Creating signup.html page (Contd.)

→ For login form we will just use a username and password field with two buttons as shown below

The screenshot shows a web browser window titled "signup.html" with the URL "file:///D:/edureka/signup.html". The page contains two main sections: "Not yet registered ?" (Signup) and "Already have an account" (Login).  
**Signup Section:**  
- A heading "Signup".  
- Input fields for "Name" (placeholder: "Enter your name ..."), "Email" (placeholder: "Enter your email ..."), "Password" (placeholder: "Password Please ..."), and "Confirm" (placeholder: "Confirm Password ...").  
- A "Position" section with four checkboxes:

- Web Developer
- Data Scientist
- Beginner
- Geek who do all the shits ...

  
- Buttons: "Let's go" (blue) and "Reset".  
**Login Section:**  
- A heading "Login".  
- Input fields for "Username" (placeholder: "Username or Email ...") and "Password" (placeholder: "Password ...").  
- Buttons: "Let me in" (blue) and "Reset".  
The footer of the page includes the text "Copyright © 2015 Brain4ce Education Solutions Pvt. Ltd. All rights reserved. Terms and Conditions" and a "signup.html" link.

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signup.html

# Creating faqs.html page

→ After signup.html page we are going to create the FAQ's page as shown below

The screenshot shows a web browser window with the URL [s3freebuckets3-website-ap-southeast-1.amazonaws.com/edureka/faqs.html](http://s3freebuckets3-website-ap-southeast-1.amazonaws.com/edureka/faqs.html). The page title is "FAQs". Below the title, there is a sub-headline: "Wanted to learn with us, still have some queries". A list of ten frequently asked questions is displayed in a vertical stack of blue rectangular boxes:

- How will I execute the Practicals ?
- What if I miss a class ?
- Who are the Instructors ?
- Do you provide placement assistance ?
- Can I get pre recorded sessions before attending a live class ?
- Can I attend a Demo Session ?
- How can I request for a support session ?
- What are the payment options ?
- What if I have more queries ?

At the bottom of the page, there is a copyright notice: "Copyright © 2015 Brain4ce Education Solutions Pvt. Ltd. All rights reserved. [Terms and Conditions](#)".

faqs.html

# Creating faqs.html page (Contd.)

→ Lets create the collapsible panel for faqs.html

```
<br><br><br>
<div class="container">
    <div class="row">
        <div class="col-md-12">
            <h2>FAQs</h2><hr>
            <h3>Wanted to learn with us, still have some queries</h3>
        </div>
    </div>
</div>
<br/>

<!-- Accordion Starts -->
<div class="container">
<div class="row">
<div class="col md-12">

    <div class="panel-group" id="accordion">
        <div class="panel panel-primary">
            <div class="panel-heading">
                <h4 class="panel-title">
                    <a href="#section1" data-toggle="collapse" data-parent="#accordion">
                        How will I execute the Practicals ?
                    </a>
                </h4>
            </div>
            <div class="panel-collapse collapse " id="section1">
                <div class="panel-body">
                    We will help you to setup Edureka's Virtual Machine in your System with local access. The detailed installation guides are provided in the LMS for setting up the environment.
                </div>
            </div>
        </div>
    </div>
</div>
</div>
</div>
```

faqs.html

# Creating faqs.html page (Contd.)

→ Currently we have just one collapsible panel as shown below, lets add some more

The screenshot shows a Microsoft Edge browser window with the title bar "faqs.html". The address bar displays "file:///D:/edureka/faqs.html". The page content is as follows:

- Header navigation: edureka!, Our Story, Courses, Signup, FAQs, Contact.
- Section title: **FAQs**
- Text: Wanted to learn with us, still have some queries
- A blue call-to-action button with the text: **How will I execute the Practicals ?**
- Page footer: Copyright © 2015 Brain4ce Education Solutions Pvt. Ltd. All rights reserved. [Terms and Conditions](#)

faqs.html

# Creating faqs.html page (Contd.)

→ Below we have added 9 panels in the panel group

```
<!-- Accordion Starts -->
<div class="container">
<div class="row">
<div class="col md-12">

    <div class="panel-group" id="accordion">
        <div class="panel panel-primary"> ... </div>
        <div class="panel panel-primary"> ... </div>
    </div>
</div>
</div>

<!-- Accordion Completed----->
```

faqs.html

# Creating faqs.html page (Contd.)



The screenshot shows a web browser window with the title bar "faqs.html". The address bar displays "file:///D:/edureka/faqs.html". The page content includes a navigation bar with links to "edureka!", "Our Story", "Courses", "Signup", "FAQs", and "Contact". Below the navigation bar, the word "FAQs" is displayed in bold. A sub-section header "Wanted to learn with us, still have some queries" follows. A list of ten questions is presented in blue rectangular boxes:

- How will I execute the Practicals ?
- What if I miss a class ?
- Who are the Instructors ?
- Do you provide placement assistance ?
- Can I get pre recorded sessions before attending a live class ?
- Can I attend a Demo Session ?
- How can I request for a support session ?
- What are the payment options ?
- What if I have more queries ?

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faqs.html

# Creating contact.html page

→ The last page that we are going to build is contact.html page which shows a Google Map and a contact form

The screenshot shows a web browser window with the URL [s3freebucket.s3-website-ap-southeast-1.amazonaws.com/edureka/contact.html](http://s3freebucket.s3-website-ap-southeast-1.amazonaws.com/edureka/contact.html). The page title is "We are here". Below the title is a Google Map of a city area. A red marker indicates the location of the contact form. The map labels include Nallurahalli Rd, Taralaya Rd, Varthur Rd, Tansi Honda, Jagriti Theatre, Government School, Sigma Technology Park, Columbia Asia Hospital - Whitefield, The Forum Value Mall, Ozone Entrance Rd, Prestige Ozone, and Coconut Grove. On the right side of the map, there are links for "Map" and "Satellite". At the bottom of the map, there is a copyright notice: "Map data ©2015 Google Terms of Use Report a map error". Below the map is a "Contact Form" section. It contains two input fields: one for "Name" with placeholder text "Enter your name ..." and one for "Email" with placeholder text "Enter your email ...".

contact.html

# Creating contact.html page – Google Map

→ The last page that we are going to build is contact.html page which shows a Google Map and a contact form

```
<head>
  <link type="text/css" rel="stylesheet" href="css/bootstrap.min.css" />
  <script src="http://maps.google.com/maps/api/js?sensor=false"></script>
</script>

  function init_map() {
    var var_location = new google.maps.LatLng(12.958008,77.744005);

    var var_mapoptions = {
      center: var_location,
      zoom: 16
    };

    var var_marker = new google.maps.Marker({
      position: var_location,
      map: var_map,
      title:"Edureka"});
    var var_map = new google.maps.Map(document.getElementById("map-container"),
      var_mapoptions);

    var_marker.setMap(var_map);

  }
  google.maps.event.addDomListener(window, 'load', init_map);
</script>

<style>
  #map-container { height: 300px }
</style>
</head>
```

» js file required for Google Maps

» In the JavaScript we are creating a Google Map instance with latitude and longitude as parameters

» Map options to set the center and zoom factor

## Setting markers

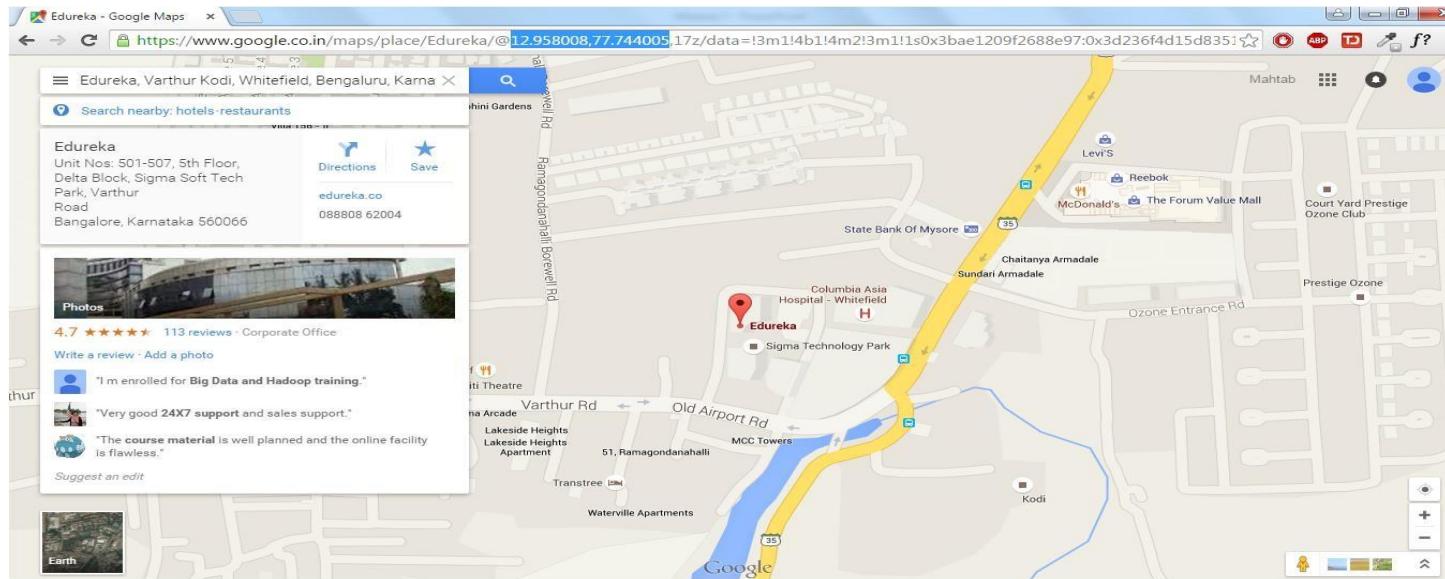
» Showing the marker in an element with id map-container

» Note that init\_map will be called on loading the page

» We have set the map's height to 300px

# Creating contact.html page

→ To find the latitude and longitude of a location, locate the position in Google Maps. Latitude and Longitude will be displayed in the URL bar as shown below



# Creating contact.html page (Contd.)

→ Note that we are going to load the Google Map in a div with id **map-container** as shown below

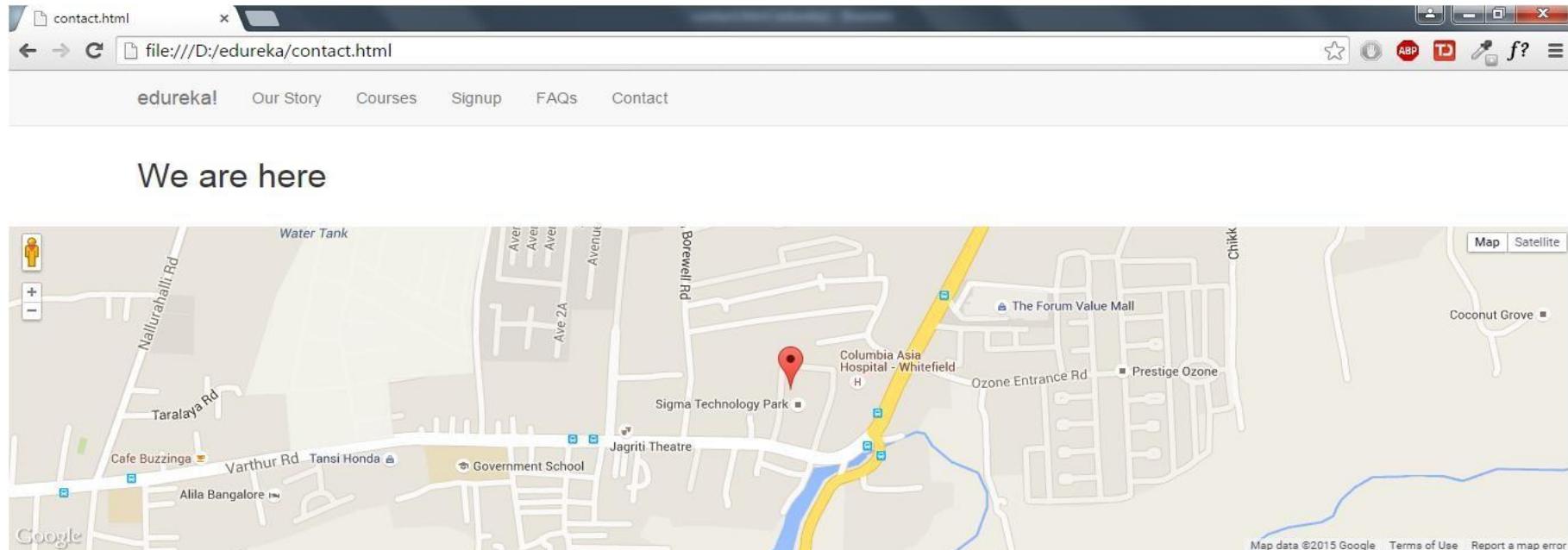
```
<br/><br/><br/>
<div class="container">
    <div class="row">
        <h2>We are here</h2>
    </div>
</div>
<br/>
<!----- Google Map Starts ----->

<div id="map-container" class="col-md-12"></div>

<!-----Google Map Completed ----->
```

contact.html

# Creating contact.html page (Contd.)



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[contact.html](#)

# Creating contact.html page (Contd.)

→ Below is the markup for the contact form

```
<!----- Contact Form Starts ----->

<br/><br/><br/>
<div class="container">
  <div class="row">
    <div class="col-md-12">

      <h2>Contact Form</h2><hr/>
      <form class="form-horizontal">
        <div class="form-group">
          <label for="name" class="col-sm-2 control-label">Name</label>
          <div class="col-sm-4">
            <input type="text" class="form-control" placeholder="Enter your name ..."/>
          </div>
        </div>

        <div class="form-group">
          <label for="email" class="col-sm-2 control-label">Email</label>
          <div class="col-sm-4">
            <input type="email" class="form-control" placeholder="Enter your email ..."/>
          </div>
        </div>

        <div class="form-group">
          <label for="message" class="col-sm-2 control-label">Message</label>
          <div class="col-sm-4">
            <textarea class="form-control" rows="4" placeholder="Enter your message ..."/>
          </div>
        </div>

      </form>
    </div>
  </div>
</div>

<!----- Contact Form Completed ----->
```

contact.html

# Creating contact.html page (Contd.)

The screenshot shows a web browser window with the title bar "contact.html" and the URL "file:///D:/edureka/contact.html". The page content includes a navigation bar with links to "edureka!", "Our Story", "Courses", "Signup", "FAQs", and "Contact". Below the navigation is a Google Map of the Whitefield area in Bangalore, showing streets like Taralaya Rd, Varthur Rd, and Ozone Entrance Rd, along with landmarks such as Sigma Technology Park, Jagriti Theatre, and Columbia Asia Hospital - Whitefield. A red marker is placed near the hospital. The map also includes a "Google" watermark. Below the map is a "Contact Form" section with three input fields: "Name" (placeholder: "Enter your name ..."), "Email" (placeholder: "Enter your email ..."), and "Message" (placeholder: "Enter your message ..."). At the bottom of the page, a copyright notice reads "Copyright © 2015 Brain4ce Education Solutions Pvt. Ltd. All rights reserved. Terms and Conditions".

# Creating contact.html page (Contd.)

→ Below is the markup for creating checkboxes and radio buttons

```
<div class="form-group">
  <label for="message" class="col-sm-2 control-label">Position</label>
  <div class="col-sm-10">

    <label class="checkbox-inline">
      <input type="checkbox" value="option1"/> Web Developer
    </label>

    <label class="checkbox-inline">
      <input type="checkbox" value="option2"/> Data Scientist
    </label>

    <label class="checkbox-inline">
      <input type="checkbox" value="option2"/> Beginner
    </label>

    <label class="checkbox-inline">
      <input type="checkbox" value="option1"/> Geek who do all the shits ...
    </label>
  </div>
</div>
```

checkboxes

```
<div class="form-group">
  <label for="message" class="col-sm-2 control-label">What you prefer</label>
  <div class="col-sm-10">

    <label class="radio-inline">
      <input type="radio" name="radio" value="option1"/> Tea
    </label>

    <label class="radio-inline">
      <input type="radio" name="radio" value="option2"/> Beer
    </label>
  </div>
</div>
```

radio buttons

# Creating contact.html page (Contd.)

## Contact Form

**Name**

**Email**

**Message**

**Position**  Web Developer  Data Scientist  Beginner  Geek who do all the shits ...

**What you prefer**  Tea  Beer

Contact form after adding checkboxes and radio buttons

# Creating contact.html page (Contd.)

→ Next we are going to add a dropdown box, a submit and a reset button to our contact form

```
<div class="form-group">
  <label for="how-you-know" class="col-sm-2 control-label">How you find us</label>
  <div class="col-sm-6">
    <select class="form-control">
      <option>Friend</option>
      <option>Facebook</option>
      <option>News</option>
      <option>Google Search Results</option>
    </select>
  </div>
</div>
```

Dropdown Box

```
<br/>
<div class="form-group">
  <div class="col-sm-offset-2 col-sm-6">
    <button type="submit" class="btn btn-primary">Submit</button>
    <button type="reset" class="btn btn-default">Reset</button>
  </div>
</div>
```

Submit and Reset Button

# Creating contact.html page (Contd.)

→ Below is the snapshot of the complete Contact form

## Contact Form

**Name**

**Email**

**Message**

**Position**  Web Developer  Data Scientist  Beginner  Geek who do all the shits ...

**What you prefer**  Tea  Beer

**How you find us**

**Submit** **Reset**

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Contact Form

# QUESTIONS



# Assignment

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→ Develop the complete edureka website that is built in this module



# Pre-work for Next Module

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- Go through topic Bootstrap ScrollSpy



# Further Reading

- <http://getbootstrap.com/components/>
- <https://bootstrapbay.com/blog/bootstrap-3-carousel-tutorial/>
- <http://www.codemag.com/article/1501031>
- <http://fontawesome.bootstrapcheatsheets.com/>



# Pre-work for Next Class

---

→ Learn about JQuery



# Agenda for the next class

- In the next module, you will be able to:
- Create Countdown based timers for websites
- Show Social Plugins from twitter, LinkedIn, face book, google+ , quora on your web pages



# Survey

Your feedback is important to us, be it a compliment, a suggestion or a complaint. It helps us to make the course better!

Please spare few minutes to take the survey after the webinar.

Thank you!

