

## Full stack development

### Week:6 Write a Program on Tabs and Tooltip

#### Description:

You also need to include the Bootstrap CSS file in the <head> section that contains the classes related to tabs as well as other components.

In the markup section, a <ul> tag is used to create tabs:

```
1<ul class "nav nav-tabs" role "tablist">
```

The <ul> is assigned the *nav* and *nav-tab* classes, that are built-in.

After that, tabs are created by using the <li> tags. For the demo, I created five tabs. You may add or remove as per requirement:

```
<li class="active"><a href="#hometab" role="tab" data-toggle="tab">Home</a></li>
```

```
<li><a href="#javatab" role="tab" data-toggle="tab">Java</a></li>
```

```
<li><a href="#csharptab" role="tab" data-toggle="tab">C#</a></li>
```

```
<li><a href="#mysqltab" role="tab" data-toggle="tab">MySQL</a></li>
```

```
<li><a href="#jquerytab" role="tab" data-toggle="tab">jQuery</a></li>
```

```
</ul>
```

```
</li>
```

Use the *.active* class in a <li> tag that you want to open as the web pages loads. I used it in the Home tab. Each tag is activated by using the *data-toggle="tab"* in each <li> element, that represents a tab.

Each <li> is also given an id which is used in the content / tab-pane of each tab.

The final step is to create the content of each tab in the tab panes. A div is created with tab-content class:

```
<div class="tab-content">
```

Inside that <div>, five more div elements are used to create tab panes for each tab that are associated by ids. For example:

```
<div class="tab-pane active" id="hometab">Write something for home tab</div>
```

It represents the “Home” tab and so on. You can also use other HTML elements like <p> tag rather <div> for tab content.

You can see the complete code in the demo page’s code section.

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

**Tip:** Plugins can be included individually (using Bootstrap's individual "tooltip.js" file), or all at once (using "bootstrap.js" or "bootstrap.min.js").

### To Create a Tooltip

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

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

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

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

The following code will enable all tooltips in the document:

#### Example

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

## Positioning Tooltips

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

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

**Tip:** You can also use the `data-placement` attribute with a value of "auto", which will let the browser decide the position of the tooltip. For example, if

the value is "auto left", the tooltip will display on the left side when possible, otherwise on the right.

#### 6.1 code:

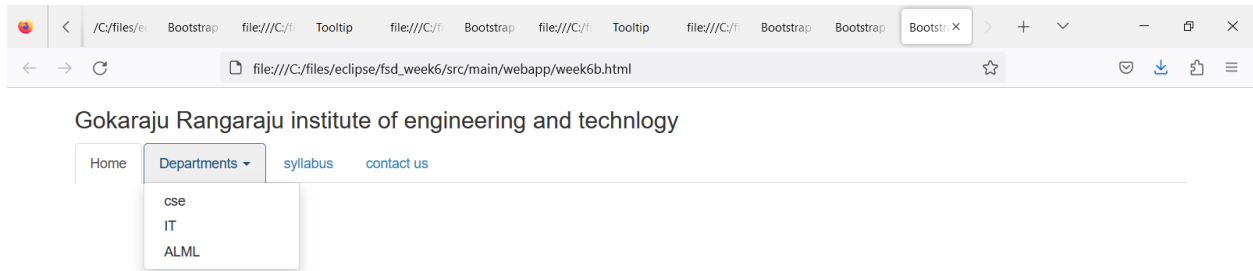
```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>

  <link rel="stylesheet" href="bootstrap.min.css">
  <script src="jquery.min.js"></script>
  <script src="bootstrap.min.js"></script>
</head>
<body>

<div class="container">
  <h3>Gokaraju Rangaraju institute of engineering and
technology</h3>
  <ul class="nav nav-tabs">
    <li class="active"><a href="#">Home</a></li>
    <li class="dropdown">
      <a class="dropdown-toggle" data-toggle="dropdown"
href="#">Departments <span class="caret"></span></a>
      <ul class="dropdown-menu">
        <li><a href="#">cse</a></li>
        <li><a href="#">IT</a></li>
        <li><a href="#">ALML</a></li>
      </ul>
    </li>
    <li><a href="#">syllabus</a></li>
    <li><a href="#">contact us</a></li>
  </ul>
</div>

</body>
</html>
```

#### Output:

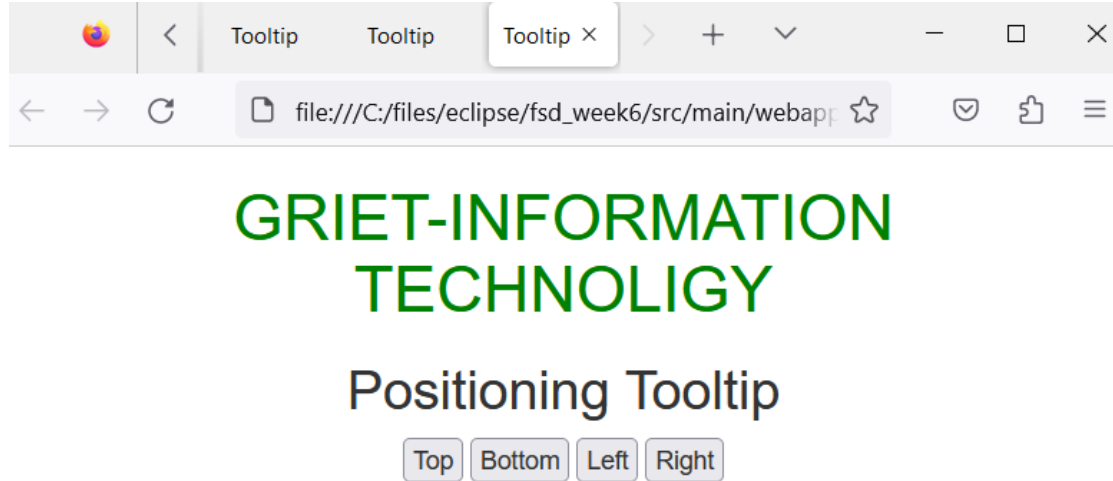


## 6.2 Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Tooltip</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="bootstrap.min.css">
<script src="jquery.min.js">
  </script>
<script src="popper.min.js">
  </script>
<script src="bootstrap.min.js">
  </script>
</head>
<body style="text-align: center;">
  <div class="container">
    <h1 style="color: green;">GRIET-INFORMATION TECHNOLOGY</h1>
    <h2>Positioning Tooltip</h2>
    <button data-toggle="tooltip" data-placement="top" title="Top
tooltip">Top
  </button>
  <button data-toggle="tooltip" data-placement="bottom"
    title="Bottom tooltip">Bottom</button>
  <button data-toggle="tooltip" data-placement="left"
    title="Left tooltip">Left</button>
  <button data-toggle="tooltip" data-placement="right"
    title="Right tooltip">Right</button>
  </div>
  <script>
    $(document).ready(function () {
      $('[data-toggle="tooltip"]').tooltip();
    });
  </script>
</body>
```

</html>

**Output:**



**Result:** Thus, in the above programs successfully executed without errors  
Using bootstrap tabs and tooltip in eclipse editor.