

# jQuery Examples

## Accordion Example using jQuery

```
<head>
  <title>jQuery Accrodins</title>
  <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
  <script type="text/javascript">
    $(document).ready(function(){
      $("#div1").slideUp();
      $("#div2").slideUp();
      $("#div3").slideUp();
      $("#id1").click(function(){
        $("#div1").slideDown();
      });
      $("#id2").click(function(){
        $("#div2").slideDown();
        $("#div1").slideUp();
        $("#div3").slideUp();
      });
      $("#id3").click(function(){
        $("#div3").slideDown();
        $("#div1").slideUp();
        $("#div2").slideUp();
      });
    });
  </script>
</head>

<body>
  <div>
    <h2 id="id1">Section1</h2>
    <div id="div1">
      <p>Some text you can write here</p>
    </div>
  </div>
  <div>
    <h2 id="id2">Section2</h2>
    <div id="div2">
      <p>Some text you can write here</p>
    </div>
  </div>
  <div>
    <h2 id="id3">Section3</h2>
    <div id="div3">
      <p>Some text you can write here</p>
    </div>
  </div>
</body>
```

# Accordion using jquery UI

```
<head>
  <title>Accordin Example</title>
  <link rel="StyleSheet" href="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.css"/>
  <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
  <script type="text/javascript" src="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.js"></script>
  <script type="text/javascript">
    $(document).ready(function(){
      $("#div1").accordion();
    })
  </script>
</head>

<body>
  <div id="div1">
    <h2>Section1</h2>
    <div>
      <p>We can place some text in toggle format</p>
    </div>
    <h2>Section2</h2>
    <div>
      <p>We can place some text here also</p>
    </div>
    <h2>Section3</h2>
    <div>
      <p>We can place some content here also</p>
    </div>
  </div>
</body>
```

# DatePicker using jquery UI

```
<!DOCTYPE html>
<html>
  <head>
    <title>Date Picker</title>
    <link rel="StyleSheet" href="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.css"/>
    <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
    <script type="text/javascript" src="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.js"></script>
    <script type="text/javascript">
      $(document).ready(function(){
        $("#txtDatePicker").datepicker();
      });
    </script>
  </head>
  <body>
    <label for="date">Date Picker : </label>
    <input type="text" id="txtDatePicker" />
  </body>
</html>
```

# Tabs using jquery UI

```
<!DOCTYPE html>
<html>
  <head>
    <title>Tabs in jquery</title>
    <link rel="StyleSheet" href="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.css"/>
    <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
    <script type="text/javascript" src="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.js"></script>
    <script type="text/javascript">
      $(document).ready(function(){
        $("#div1").tabs();
      });
    </script>
  </head>
  <body>
    <div id="div1">
      <ul>
        <li><a href = "#signin">Sign In</a></li>
        <li><a href = "#signup">Sign Up</a></li>
      </ul>
      <div id="signin">
        <p>You can place content Here</p>
      </div>
      <div id="signup">
        <p>You can place content here</p>
      </div>
    </div>
  </body>
</html>
```

Task : Load the tabs in Modal Popup it means let's take a button and clicks on the button it should need to show the popup with two tabs like Signin and Signup

### Solution

```
<head>
  <title></title>
  <link rel="stylesheet" href="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/css/bootstrap.min.css"/>
  <script src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
  <script src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/bootstrap.min.js"></script>
  <link rel="stylesheet" href="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.css">
  <script type="text/javascript" src="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.js"></script>
  <script type="text/javascript">
    $(document).ready(function(){
      $("#div1").tabs();
    });
  </script>
</head>

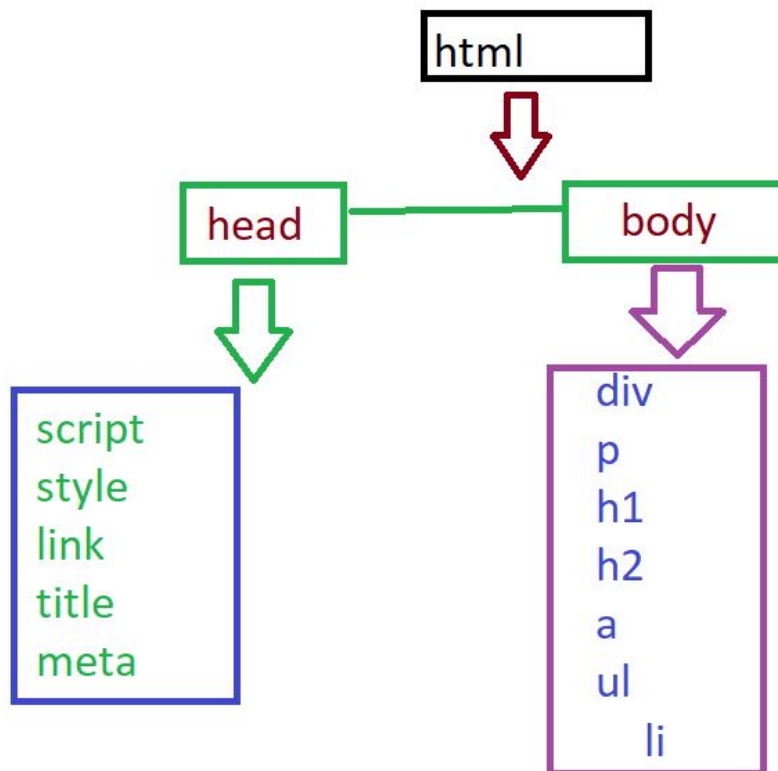
<body>
  <div class="container">
    <button type="button" class="btn btn-primary" data-toggle="modal" data-target="#myModal">
      Open Modal
    </button>
    <div class="modal" id="myModal">
      <div class="modal-dialog">
        <div class="modal-content">
          <div class="modal-header">
            <h3 class="modal-title">Modal Header</h3>
          </div>
          <div class="modal-body">
            <div id="div1">
              <ul>
                <li><a href="#signin">Sign In</a></li>
                <li><a href="#signup">Sign Up</a></li>
              </ul>
              <div id="signin">
                <p>Login</p>
              </div>
              <div id="signup">
                <p>Registration</p>
              </div>
            </div>
          </div>
          <div class="modal-footer">
            <button type="button" class="btn btn-primary" data-dismiss="modal">Close</button>
            <button type="button" class="btn btn-primary">Save</button>
          </div>
        </div>
      </div>
    </div>
  </div>
```

# Animate using jquery

```
<head>
  <title>jQuery Animate</title>
  <link rel="stylesheet" href="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/css/bootstrap.min.css"/>
  <script src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
  <script src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/bootstrap.min.js"></script>
  <link rel="stylesheet" href="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.css">
  <script type="text/javascript" src="jquery-ui-1.12.1/jquery-ui-1.12.1/jquery-ui.min.js"></script>
  <script type="text/javascript">
    $(document).ready(function(){
      $("#btnClick").click(function(){
        $("div").animate({right: '350px', height: '450px', width: '450px'});
      });
    });
  </script>
  <style type="text/css">
    div{
      background-color: lightblue;
      color: darkred;
      height: 250px;
      width: 250px;
      position: absolute;
    }
  </style>
</head>
<body>
  <button type="button" id="btnClick">Animate</button>
  <div>
    <h2>Hello</h2>
  </div>
</body>
```

# DOM - Document Object Model

DOM defines the structure of HTML document and XML documents



## Reading the contents by using jQuery

To get the content will use `text()`, `html()` and `val()`



```
<!Doctype html>
<html>
  <head>
    <tilte>Get Contents</tilte>
    <script type="text/javascript" src="bootstrap-4.5.0-dist/bootstrap-4.5.0-dist/js/jquery.min.js"></script>
    <script type="text/javascript">
      $(document).ready(function(){
        $("#btnClick").click(function(){
          var x = $('#txtUsername').val();
          window.alert(x);
        });
      });
    </script>
  </head>
  <body>
    <input type="text" id="txtUsername" />
    <button type="button" id="btnClick">GetUsername</button>
  </body>
</html>
```