

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h2 id="heading1">Setting JQuery</h2>
  <button type="button" id="btn1">Click Me</button>
  <!-- *** SELECTORS ***
and objects makes our life simple -->
  <script>
    function f1() {
      $("#heading1").fadeToggle(2000); //this function do
both fadein and fadeout which compared to js is pretty much
simple

    }
  </script>

  <!-- *** EVENTS *** -->

  <script>
    //this $("document").ready(function(){our events}) this
makes events available only after page is loaded
    $("document").ready(function() {
      $("button").click(f1);
      function f1() {
```

```

        $("#heading1").fadeToggle(200);
    }
})

</script>

<!-- *** EFFECTS and ANIMATE EFFECTS *** -->

    <button id="btn1">Toggle</button>
<button id="btn2">btn2</button>
<button id="btn3">btn3</button>
<!-- Basically for both effects and callback -->
<<div id="firstdiv">
<p id="para1">This is 1st para in 1st Div</p>
<p id="para2">This is 2nd para in 1st Div</p>
</div>

<div id="seconddiv">
<p id="para3">This is 3rd para in 2nd div </p>
</div>
<link href="jquery.css" rel="stylesheet">
<div class="mycube" id="cube">
<p>CUBE</p>
<!-- //this section is for ANIMATION -->
</div>

<!-- *** EFFECTS *** -->

<script>
$("#document").ready(function() {

```

```

        $("#btn1").click(f1);

        function f1()
        {
            $("#firstdiv").fadeOut("fast");
        }

        $("#btn3").click(f2);
        function f2()
        {
            $("#firstdiv").fadeIn();
        }

        $("#btn2").click(f3);
        function f3()
        {
            $("#thirddiv").fadeToggle();
        }

//hide(),show(),fadeIn(),fadeOut(),slideUp(),slideDown()

    })
</script>

    <!-- *** ANIMATION EFFETCS *** -->

    <script>
    $("#document").ready(function() {
        $("#btn1").click(f1);
        function f1()
        {
            $("#cube").animate({
                left:'150px',

```

```

        opacity:'1',
        width:'100px',
        height:'100px',

        },1000)
    }

    })
</script>

<!-- *** CALLBACK AND CHAINING *** -->

<script>
    $("document").ready(function() {
        //callBack

        $("#btn1").click(function () {
            $("#firstdiv").slideToggle(200,function () {
                alert("Division is Toggeled")
            });
            //callback function only excecutes after the
effect unlike remaining function which may excecute even
before the effect

            //chaining Effects

            $("#btn1").click(function () {

```

```
$("#firstdiv").slideUp(2000).slideDown(2000).fadeOut(2000).fadeIn(2000);

        //this calls one function after the other which
reduces or code,this is chaining

    })

    })
</script>

</body>
<script src="jQuery.js"></script> // Need to include the
code in jquery.js which has some predefined function

</html>
```