

CHINMAY NIKUMBHE SE-2/B3 45

EXPERIMENT 4

```
<!DOCTYPE html>
<html>
<head>
  <title>Dynamic Webpage - MDM Assignment</title>

  <!-- jQuery CDN -->
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

  <style>
    body{
      font-family: Arial;
      background: #f4f6fb;
      text-align: center;
      padding: 40px;
    }

    .box{
      background: white;
      padding: 20px;
      width: 400px;
      margin: auto;
      border-radius: 10px;
      box-shadow: 0 5px 15px rgba(0,0,0,0.1);
    }

    button{
      padding: 10px 15px;
      margin: 10px;
      border: none;
      background: #007bff;
      color: white;
      border-radius: 5px;
      cursor: pointer;
    }

    button:hover{
      background: #0056b3;
    }

    #animateBox{
      width: 100px;
      height: 100px;
      background: red;
      margin: 20px auto;
    }
  </style>
</head>

<body>
```

```
<h2>Dynamic Webpage using JavaScript DOM & jQuery</h2>
```

```
<div class="box">
```

```
  <h3 id="content">Welcome! Click buttons to change content.</h3>
```

```
  <!-- DOM Update -->
```

```
  <button onclick="changeText()">Change Content</button>
```

```
  <!-- jQuery hide -->
```

```
  <button id="hideBtn">Hide Text</button>
```

```
  <!-- jQuery show -->
```

```
  <button id="showBtn">Show Text</button>
```

```
  <!-- jQuery toggle -->
```

```
  <button id="toggleBtn">Toggle Visibility</button>
```

```
  <!-- jQuery animation -->
```

```
  <button id="animateBtn">Animate Box</button>
```

```
  <div id="animateBox"></div>
```

```
</div>
```

```
<script>
```

```
  // JavaScript DOM content update
```

```
  function changeText() {
```

```
    document.getElementById("content").innerHTML = "Content updated using JavaScript DOM!";
```

```
  }
```

```
  // jQuery hide
```

```
  $("#hideBtn").click(function(){
```

```
    $("#content").hide();
```

```
  });
```

```
  // jQuery show
```

```
  $("#showBtn").click(function(){
```

```
    $("#content").show();
```

```
  });
```

```
  // jQuery toggle
```

```
  $("#toggleBtn").click(function(){
```

```
    $("#content").toggle();
```

```
  });
```

```
  // jQuery animation
```

```
  $("#animateBtn").click(function(){
```

```
    $("#animateBox").animate({
```

```
      width: "200px",
```

```
      height: "200px",
```

```
        opacity: 0.5
    }, 1000)
    .animate({
        width: "100px",
        height: "100px",
        opacity: 1
    }, 1000);
});

</script>

</body>
</html>
```



