

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",
        });
    });

</script>
```

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

</script>

</body>
</html>
```



