

## **EXPERIMENT ASSESSMENT**

ACADEMIC YEAR 2025-26

**Course: Multidisciplinary Minor**

**Course code: MDC401**

**Year: SE          SEM: IV**

<b>Experiment No. 4</b>
<b>AIM:</b> Develop a dynamic webpage where content updates on button click using JavaScript DOM. Implement jQuery effects: hide/show elements, toggle visibility, and animate elements.
<b>Name:</b> Prem Panchal
<b>Roll Number:</b> 48
<b>Date of Performance:</b>
<b>Date of Submission:</b>

### **Evaluation**

Performance Indicator	Max. Marks	Marks Obtained
Performance	5	
Understanding	5	
Journal work and timely submission.	10	
<b>Total</b>	<b>20</b>	

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Performance	5	3	2
Understanding	5	3	2
Journal work and timely submission.	10	8	4

**Checked by**

**Name of Faculty : Dr. Yogesh Pingle**

**Aim:** Develop a dynamic webpage where content updates on button click using JavaScript DOM. Implement jQuery effects: hide/show elements, toggle visibility, and animate elements.

**Code:**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>experiment 4</title>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>
  <style>
    #tb1 {
      height: 80px;
      width: 296px;
      text-align: center;
      font-size: large;
      shape-rendering: crispEdges;
      margin-bottom: 0.5%;
      background-color: rgb(255, 217, 0);
    }

    #tb2,
    #toggle,
    #Animate {
      height: 50px;
      width: 150px;
      text-align: center;
      font-size: medium;
      shape-rendering: crispEdges;
      margin-bottom: 0.5%;
      background-color: cornflowerblue;
    }

    #hide,
    #show {
      height: 50px;
      width: 73px;
      text-align: center;
      font-size: medium;
      shape-rendering: crispEdges;
      margin-bottom: 0.5%;
      background-color: cornflowerblue;
    }
  </style>
```

```

<script>
    function update_text() {
        document.getElementById("tb1").value = "text updated successfully"
    }

    $(document).ready(function () {
        $("#hide").click(function () {
            $("#tb1").hide(100);
        })
        $("#show").click(function () {
            $("#tb1").show(100);
        })
        $("#toggle").click(function () {
            $("#tb1").toggle(300);
        })
        $("#Animate").click(function () {
            $("#tb1").animate({
                height: '200px',
                width: '500px',
                fontSize: '30px'
            }, 1000).animate({
                height: '80px',
                width: '300px',
                fontSize: '18px'
            }, 1000);
        })
    })
</script>
</head>
<body>
    <h1>Implement jQuery effects</h1>
    <div class="textbox" id="text">
        <input type="text" id="tb1" name="t1" placeholder="enter your text">
        <div>
            <input type="button" id="tb2" name="t2" value="Update" onclick="update_text()">
            <input type="button" id="hide" name="t3" value="Hide">
            <input type="button" id="show" name="t4" value="Show">
            <br>
            <input type="button" id="toggle" name="t5" value="Toggle">
            <input type="button" id="Animate" name="t6" value="Animate">
        </div>
    </div>
</body>
</html>

```

**Output:**

## Implement jQuery effects

hello,Myself Prem Panchal

Update

Hide

Show

Toggle

Animate

**Update Button is clicked:** Message is printed saying “Text updated successfully”

## Implement jQuery effects

text updated successfully

Update

Hide

Show

Toggle

Animate

**Hide Button is clicked:** the textbox is hidden

## Implement jQuery effects

Update

Hide

Show

Toggle

Animate

**Show Button is clicked:** the textbox reappears

### Implement jQuery effects

text updated successfully

Update

Hide

Show

Toggle

Animate

**Animate Button is clicked:** the textbox increases its height, width and font size, after 1 second it restores back to initial shape.

### Implement jQuery effects

text updated successfully

Update

Hide

Show

Toggle

Animate

### Implement jQuery effects

text updated successfully

Update

Hide

Show

Toggle

Animate