EXPERIMENT ASSESSMENT

ACADEMIC YEAR 2025-26

Course: Multidisciplinary Minor
Course code: MDC401
Year: SE SEM: IV

Experiment No. 3
AIM: Create a dynamic To-Do List where users can add, mark as complete, and remove tasks using JavaScript & DOM.
Name: Prem Panchal
Roll Number: 48
Date of Performance:
Date of Submission:

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Performance	5	
Understanding	5	
Journal work and timely submission.	10	
Total	**20**	

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: Create a dynamic To-Do List where users can add, mark as complete, and remove tasks using JavaScript & DOM.

Code:

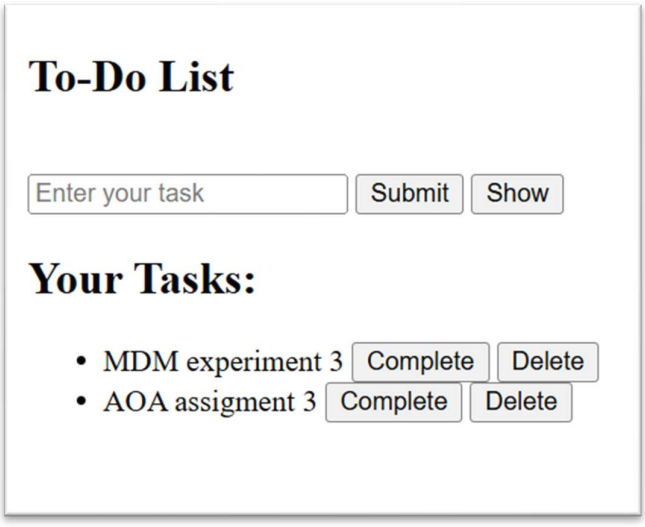
Index.html

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

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>To-Do list</title>

   <style>
      .completed {
         text-decoration: line-through;
         color: gray;
      }
   </style>
</head>

<body>
   <h2>To-Do List</h2><br>

   <form name="frm">
      <input type="text" name="T1" placeholder="Enter your task" required>
      <input type="button" value="Submit" onclick="l1()">
      <input type="button" value="Show" onclick="display()">
   </form>

   <h2>Your Tasks:</h2>
   <ul id="displayArea"></ul>

   <script>
      const list = [];

      function l1() {
         const input = document.frm.T1;
         const task = input.value.trim();

         if (task === '') {
            alert("Task should be entered.");
            return;
         }

         list.push({ text: task, completed: false });
         input.value = '';
```

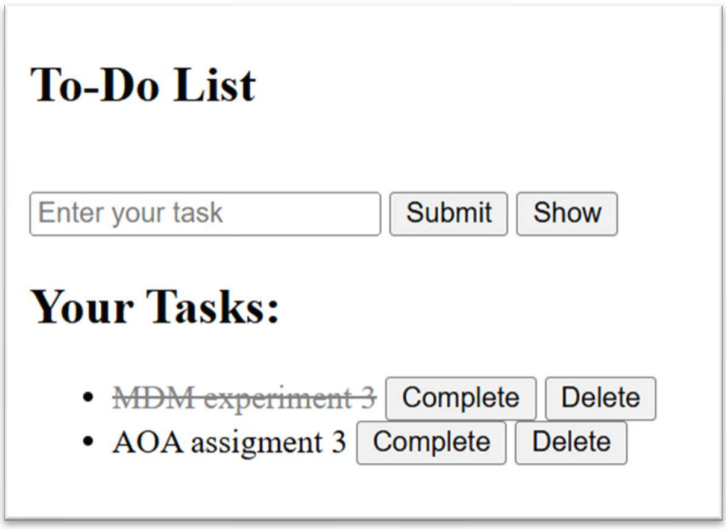
```
    input.focus();
}

function display() {
    const displayArea = document.getElementById("displayArea");
    displayArea.innerHTML = "";

    list.forEach((item, index) => {
        const li = document.createElement("li");

        // Task text
        const span = document.createElement("span");
        span.textContent = item.text;
        if (item.completed) {
            span.classList.add("completed");
        }

        // Complete button
        const completeBtn = document.createElement("button");
        completeBtn.textContent = "Complete";
        completeBtn.onclick = function () {
            markComplete(index);
        };

        // Delete button
        const deleteBtn = document.createElement("button");
        deleteBtn.textContent = "Delete";
        deleteBtn.onclick = function () {
            deleteTask(index);
        };

        li.appendChild(span);
        li.appendChild(document.createTextNode(" "));
        li.appendChild(completeBtn);
        li.appendChild(document.createTextNode(" "));
        li.appendChild(deleteBtn);

        displayArea.appendChild(li);
    });
}

function markComplete(index) {
    list[index].completed = !list[index].completed;
    display();
}
```

```
        function deleteTask(index) {
            list.splice(index, 1);
            display();
        }
    </script>
</body>
</html>
```

Output:



Complete Button is clicked: The specific task is stricken off



Delete Button is clicked: The task is removed from the list