## IT & Computer Science

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## **Lab 08**

**DOM (Document Object Model)** 

Task: Create a Simple To Do list having user add a task and then can delete it.

## Code:

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>TO DO LIST | Web Engineering Lab 08</title>
    <style>
        .list-frame {
            position: relative;
            margin: 50px auto;
            width: 50%;
            border: solid 3px black;
            padding: 20px;
            background-color: #f9f9f9;
        .WhatToDo {
            margin-bottom: 15px;
        #toDo {
            margin-top: 10px;
            padding: 10px;
            border-top: solid 2px red;
        .task {
            display: flex;
            justify-content: space-between;
            align-items: center;
            background-color: #f8f8f8;
            padding: 8px;
            margin: 5px 0;
            border-left: 4px solid blue;
            border-radius: 5px;
        .delete-btn {
            background-color: red;
```

```
color: white;
           border: none;
           padding: 5px 10px;
           cursor: pointer;
           border-radius: 3px;
        .delete-btn:hover {
           background-color: darkred;
   </style>
</head>
<body>
   <h3 style="text-align: center;">To-Do List</h3>
   <div class="list-frame">
       <div class="WhatToDo">
            <form onsubmit="addElement(event)">
                <label for="tName">Task Name:</label>
                <input type="text" id="tName" placeholder="What to Do..?" required>
                <button type="submit">Add</button>
            </form>
       </div>
       <div id="toDo"></div>
   </div>
   <script>
       function addElement(event) {
           event.preventDefault();
           let inputField = document.getElementById("tName");
           let inputValue = inputField.value.trim();
           let task = document.createElement("div");
                task.className = "task";
                let taskText = document.createElement("span");
                taskText.textContent = inputValue;
                let deleteButton = document.createElement("button");
                deleteButton.textContent = "Remove";
                deleteButton.className = "delete-btn";
                deleteButton.onclick = function() {
                   task.remove();
```

```
};

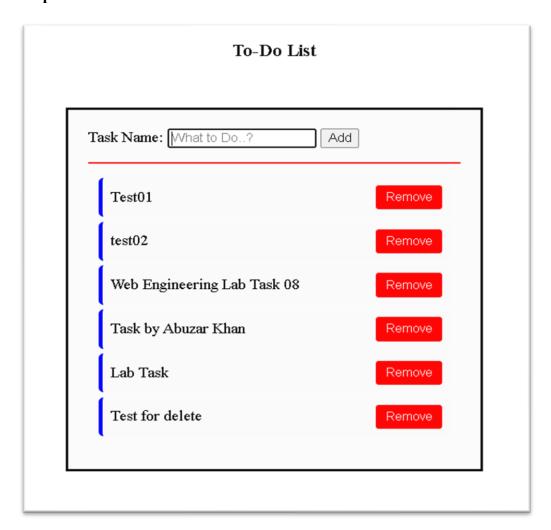
task.appendChild(taskText);
task.appendChild(deleteButton);

document.getElementById("toDo").appendChild(task);

inputField.value = "";

}
</body>
</html>
```

## **Output:**



Delete Task:

