

IT & Computer Science

Instructor Name: Mr. Umer Farooq

Lab Engr: Mr. Khizar Hayat

Name: Abuzar Khan

Reg #: B22F1053SE23

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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">
<head>
  <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();
            }
        }
    </script>

```

```
};

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

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

inputField.value = "";

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

Output:

To-Do List

Task Name:

Add

Test01

Remove

test02

Remove

Web Engineering Lab Task 08

Remove

Task by Abuzar Khan

Remove

Lab Task

Remove

Test for delete

Remove

Delete
Task:

To-Do List

Task Name:

Test01

Remove

Web Engineering Lab Task 08

Remove

Task by Abuzar Khan

Remove

Lab Task

Remove