

Experiment 5

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Experiment 5 - To Do List</title>
</head>
<body>

  <h2>My To-Do List</h2>

  <!-- Input field and button for task entry -->
  <input type="text" id="taskInput" placeholder="Enter a task">
  <button id="addBtn">Add Task</button>

  <!-- List to display tasks -->
  <ul id="taskList"></ul>

  <!-- Link external JavaScript file -->
  <script src="script.js"></script>

</body>
</html>
```

```
let addButton = document.getElementById("addBtn");
let taskInput = document.getElementById("taskInput");
let taskList = document.getElementById("taskList");

addButton.addEventListener("click", addTask);

function addTask() {
  let taskText = taskInput.value;

  if (taskText === "") {
    alert("Please enter a task");
    return;
  }

  let li = document.createElement("li");
  li.innerText = taskText;

  let deleteBtn = document.createElement("button");
  deleteBtn.innerText = "Remove";

  deleteBtn.addEventListener("click", function () {
    taskList.removeChild(li);
  });

  li.appendChild(deleteBtn);

  taskList.appendChild(li);

  taskInput.value = "";
}
```

Output:

