

Web Lab Question

1. You are asked to create a small webpage called a “**Shopping List**”. The user should be able to type a new item into an input box and click an “**Add**” **button** to add it to the list. Each item in the list should have a “**Remove**” **button**, which removes that item from the list when clicked. The webpage should look neat using **CSS for basic styling**, and **JavaScript** should be used to make the addition and removal of items **dynamic**.

2. Create a **simple Task List App** webpage with the following requirements:

- **Add Task:**

- There should be an **input box** for typing a new task.
- There should be an “**Add**” **button** next to the input box.
- When the user clicks **Add**, the task should appear in the task list below.
- The **Add button** should **change color slightly** on hover.

- **Task List:**

- Each task should be displayed in a **list item (li)**.
- Each task should have a “**Remove**” **button** at the end.
 - When clicked, the task should be **removed** from the list.
 - The **Remove button** should **change the background color on hover**.
- Each task should have a **checkbox** to mark it as done.
 - When checked, the task text should have **strike-through** and **change color**.
 - When unchecked, it should return to normal.

- **Task Counter:**

- Display the **total number of tasks** dynamically.

- Display the **number of completed tasks** dynamically.
- **Styling:**
 - Use **CSS** for layout: input box and button on top, list below.
 - Tasks should have **padding and spacing** for readability.
 - Buttons should have a **hover effect** (slight color change).
 - Completed tasks should be **grey and strike-through**.
- **JavaScript:**
 - Use JS to **add tasks dynamically**.
 - Use JS to **remove tasks dynamically**.
 - Use JS to **mark tasks as done/undone** dynamically.
 - Update the **task counters** dynamically when tasks are added, removed, or marked done.