

Interactive To-Do List

Objective:

Create a simple interactive **To-Do List** using **HTML, CSS, and JavaScript** to enhance logic-building skills. The task requires adding, removing, and marking tasks as complete while updating the UI dynamically.

Requirements:

1. HTML Structure:

- Create an **input field** to enter new tasks.
- Include an **"Add Task" button** to add tasks to the list.
- Display the task list inside a `` or `<div>`.
- Each task should have:
 - A **checkbox** to mark it as complete.
 - A **delete button** to remove the task.

2. CSS Styling:

- Make the UI visually appealing with a **modern design**.
- Use CSS to:
 - Style the input field and buttons.
 - Show a **strike-through effect** when a task is completed.
 - Animate the appearance and removal of tasks.
 - Ensure the design is **responsive**.

3. JavaScript Logic:

Implement the following functionality using JavaScript:

- **Adding Tasks:**

- When the user types in the input field and clicks the "Add Task" button, the task should appear in the list.
- The input field should be cleared after adding a task.
- Prevent adding empty tasks.

- **Marking Tasks as Complete:**

- When the checkbox is checked, the task text should have a **strike-through effect**.
- When unchecked, the strike-through effect should be removed.

- **Deleting Tasks:**

- Clicking the delete button should remove the task from the list.