**NAME: Sharvayu Zade**

**PRN: 23070521135**

**SEC: B(B2)**

**Practical 07**

**To-Do List App (Add, Edit, Delete)**

<h2>To-Do List</h2>

<input type="text" id="taskInput" placeholder="Enter a task"> <button onclick="addTask()">Add</button>

<ul id="todoList"></ul>

<script>

function addTask() {

const input = document.getElementById('taskInput'); const taskText = input.value.trim();

if (!taskText) return;

const li = document.createElement('li');

const span = document.createElement('span'); span.textContent = taskText;

const editBtn = document.createElement('button'); editBtn.textContent = 'Edit';

editBtn.onclick = function () {

const newTask = prompt('Edit task:', span.textContent); if (newTask !== null) span.textContent = newTask; };

const deleteBtn = document.createElement('button'); deleteBtn.textContent = 'Delete';

deleteBtn.onclick = function () {

li.remove();

};

li.appendChild(span);

li.appendChild(editBtn);

li.appendChild(deleteBtn);

document.getElementById('todoList').appendChild(li); input.value = '';

}

</script>

**Practice Tasks for To-Do List App**

1. Modify the code so that when editing a task, the new task cannot be empty or just spaces.

2. Add a "Complete" button that toggles a task between *normal* and *completed* (e.g., with a strikethrough style).

3. Ensure that if a task with the same text already exists, it should not be added again.

4. Display the total number of tasks and update the count dynamically when tasks are added, edited, or deleted.

5. Allow the user to press **Enter** instead of clicking the Add button to add a task. 6. Make the background color of a <li> change when the mouse hovers over it. 7. Show a confirmation (confirm()) before deleting a task to avoid accidental deletion.

8. Replace the prompt() with an inline <input> field that appears inside the list item for editing.

9. Save the tasks in localStorage so that they remain even after refreshing the page.

10. Add two buttons: one to sort tasks alphabetically (A–Z) and one to sort them in reverse (Z–A).

