



```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>DOM Task Experiment</title>
  <style>
    body {
      font-family: sans-serif;
      display: flex;
      justify-content: center;
      padding-top: 50px;
      background-color: #f4f4f9;
    }
    .todo-container {
      background: white;
      padding: 2rem;
      border-radius: 8px;
      box-shadow: 0 4px 6px rgba(0,0,0,0.1);
      width: 350px;
    }
    .input-group {
      display: flex;
      gap: 5px;
    }
    input#taskInput {
      padding: 8px;
      flex-grow: 1;
      border: 1px solid #ddd;
      border-radius: 4px;
    }
    button#addBtn {
      padding: 8px 12px;
      background-color: #28a745;
      color: white;
      border: none;
      border-radius: 4px;
      cursor: pointer;
    }
    ul {
      list-style: none;
      padding: 0;
      margin-top: 20px;
    }
    li {
      display: flex;
      justify-content: space-between;
      align-items: center;
      padding: 10px 0;
      border-bottom: 1px solid #eee;
    }
    .task-left {
      display: flex;
      align-items: center;
      gap: 10px;
      flex-grow: 1;
    }
    .task-text {
      cursor: pointer;
      transition: color 0.2s;
    }
    .completed .task-text {
      text-decoration: line-through;
      color: #888;
    }
    .delete-btn {
      background-color: #dc3545;
      color: white;
      border: none;
      padding: 4px 8px;
      border-radius: 4px;
      cursor: pointer;
      font-size: 0.8rem;
      margin-left: 10px;
    }
    .delete-btn:hover {
      background-color: #c82333;
    }
    .complete-checkbox {
      cursor: pointer;
      width: 18px;
      height: 18px;
    }
  </style>
</head>
<body>

<div class="todo-container">
  <h2>Task Lab</h2>
  <div class="input-group">
    <input type="text" id="taskInput" placeholder="Add a new experiment...">
    <button id="addBtn">Add</button>
  </div>
  <ul id="taskList"></ul>
</div>

<script>
  const input = document.getElementById('taskInput');
  const addBtn = document.getElementById('addBtn');
  const taskList = document.getElementById('taskList');

  function addTask() {
    const text = input.value.trim();
    if (text === "") return;

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

    li.innerHTML = `
      <div class="task-left">
        <input type="checkbox" class="complete-checkbox">
        <span class="task-text">${text}</span>
      </div>
      <button class="delete-btn">Remove</button>
    `;

    const checkbox = li.querySelector('.complete-checkbox');
    const textSpan = li.querySelector('.task-text');
    const deleteBtn = li.querySelector('.delete-btn');

    checkbox.addEventListener('change', () => {
      li.classList.toggle('completed', checkbox.checked);
    });

    textSpan.addEventListener('click', () => {
      checkbox.checked = !checkbox.checked;
      li.classList.toggle('completed', checkbox.checked);
    });

    deleteBtn.addEventListener('click', () => {
      li.remove();
    });

    taskList.appendChild(li);
    input.value = "";
    input.focus();
  }

  addBtn.addEventListener('click', addTask);
  input.addEventListener('keypress', (e) => {
    if (e.key === 'Enter') addTask();
  });
</script>

</body>
</html>
```

## Task Lab

Add a new experiment...

Add

☐ hello

Remove

☒ This is new to do list

Remove

☐ MDM Experiment 3

Remove