Name : Omkar Arun Gaikwad
intern at flare global soft

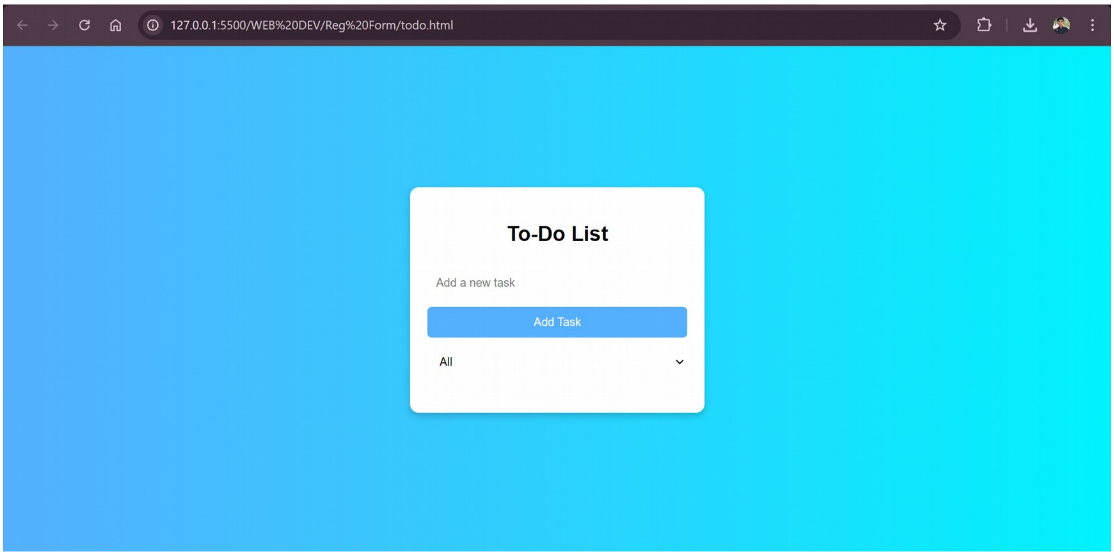
Complition of #TASK 3 :
TO-DO List

source code :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>To-Do List</title>
    <style>
        body { font-family: Arial, sans-serif; margin: 0; padding: 0; display: flex; justify-content: center; align-items: center; height: 100vh; background: linear-gradient(to right, #4facfe, #00f2fe); }
        .container { background: white; padding: 20px; border-radius: 10px; box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2); width: 300px; }
        h2 { text-align: center; }
        input, select, button { width: 100%; padding: 10px; margin: 5px 0; border: none; border-radius: 5px; }
        button { background: #4facfe; color: white; cursor: pointer; transition: background 0.3s; }
        button:hover { background: #00c3ff; }
        ul { list-style: none; padding: 0; }
        li { background: #f4f4f4; padding: 10px; margin: 5px 0; border-radius: 5px; display: flex; justify-content: space-between; align-items: center; }
        .completed { text-decoration: line-through; opacity: 0.6; }
        .delete-btn { background: red; color: white; padding: 5px; border: none; border-radius: 5px; cursor: pointer; }
    </style>
</head>
<body>
    <div class="container">
        <h2>To-Do List</h2>
        <input type="text" id="task-input" placeholder="Add a new task">
        <button id="add-task">Add Task</button>
        <select id="filter-tasks">
            <option value="all">All</option>
            <option value="completed">Completed</option>
            <option value="pending">Pending</option>
        </select>
        <ul id="task-list"></ul>
    </div>
    <script>
        document.addEventListener("DOMContentLoaded", () => {
            const taskInput = document.getElementById("task-input");
```

```
      const addTaskBtn = document.getElementById("add-task");
      const taskList = document.getElementById("task-list");
      const filterTasks = document.getElementById("filter-tasks");

      function loadTasks() {
        taskList.innerHTML = "";
        let tasks = JSON.parse(localStorage.getItem("tasks")) || [];
        tasks.forEach(task => addTaskElement(task.text, task.completed));
      }

      function saveTasks() {
        let tasks = [];
        document.querySelectorAll("#task-list li").forEach(li => {
          tasks.push({ text: li.firstChild.textContent, completed:
li.classList.contains("completed") });
        });
        localStorage.setItem("tasks", JSON.stringify(tasks));
      }

      function addTaskElement(taskText, completed = false) {
        let li = document.createElement("li");
        li.textContent = taskText;
        if (completed) li.classList.add("completed");
        li.addEventListener("click", () => {
          li.classList.toggle("completed");
          saveTasks();
        });
        let deleteBtn = document.createElement("button");
        deleteBtn.textContent = "X";
        deleteBtn.classList.add("delete-btn");
        deleteBtn.addEventListener("click", () => {
          li.remove();
          saveTasks();
        });
        li.appendChild(deleteBtn);
        taskList.appendChild(li);
        saveTasks();
      }

      addTaskBtn.addEventListener("click", () => {
        if (taskInput.value.trim() !== "") {
          addTaskElement(taskInput.value);
          taskInput.value = "";
        }
      });

      filterTasks.addEventListener("change", () => {
        document.querySelectorAll("#task-list li").forEach(li => {
          if (filterTasks.value === "all") li.style.display = "flex";
          else if (filterTasks.value === "completed" &&
li.classList.contains("completed")) li.style.display = "flex";
          else if (filterTasks.value === "pending" && !
li.classList.contains("completed")) li.style.display = "flex";
          else li.style.display = "none";
        });
      });

      loadTasks();
    });
  </script>
</body>
</html>
```

output:


127.0.0.1:5500/WEB%20DEV/Reg%20Form/todo.html
To-Do List
Add a new task
Add Task
All