ASSIGNMENT:04
DAY:03   (WEB TASK)

Q1)Create a todolist using html,css,js?

SOURCE CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="styles.css">
    <title>Todo List</title>
</head>
<body>
    <div class="container">
        <h1>Todo List</h1>
        <div id="app">
            <input type="text" id="taskInput" placeholder="Add a new task">
            <button onclick="addTask()">Add Task</button>
            <ul id="taskList"></ul>
        </div>
    </div>
    <script src="script.js"></script>
</body>
</html>
```

```js
document.addEventListener("DOMContentLoaded", function () {
    let tasks = JSON.parse(localStorage.getItem("tasks")) || [];
    function renderTasks() {
        const taskList = document.getElementById("taskList");
        taskList.innerHTML = "";
        tasks.forEach(function (task, index) {
            const listItem = document.createElement("li");
            listItem.innerHTML = `
                <span>${task}</span>
                <button onclick="removeTask(${index})">Remove</button>
            `;
            taskList.appendChild(listItem);
        });
    }
    window.addTask = function () {
        const taskInput = document.getElementById("taskInput");
        const newTask = taskInput.value.trim();

        if (newTask !== "") {
            tasks.push(newTask);
            localStorage.setItem("tasks", JSON.stringify(tasks));
            taskInput.value = "";
            renderTasks();
        }
    };
    window.removeTask = function (index) {
        tasks.splice(index, 1);
        localStorage.setItem("tasks", JSON.stringify(tasks));
        renderTasks();
    };
    renderTasks();
});
```

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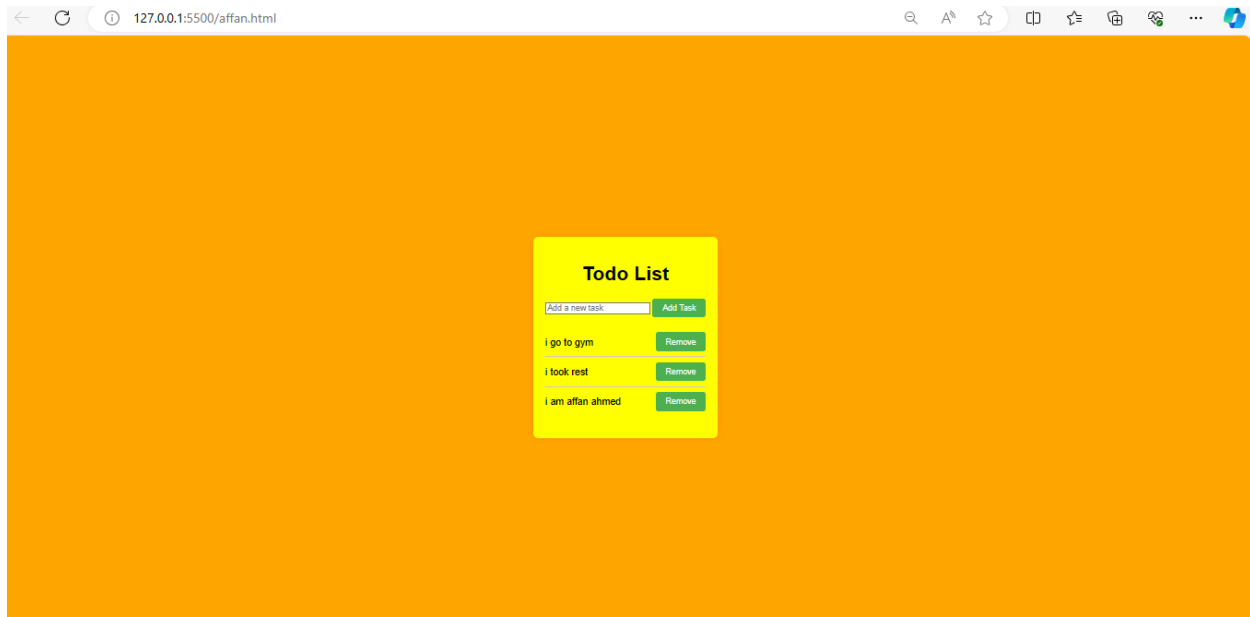
```
affan.html    JS script.js    # styles.css  X

# styles.css > ☰ .container
 1   body {
 2       font-family: 'Arial', sans-serif;
 3       margin: 0;
 4       padding: 0;
 5       display: flex;
 6       align-items: center;
 7       justify-content: center;
 8       min-height: 100vh;
 9       background-color: orange;
10   }
11
12   .container {
13       text-align: center;
14       background-color: yellow;
15       padding: 20px;
16       border-radius: 8px;
17       box-shadow: 0 0 10px rgba(133, 29, 29, 0.1);
18   }
19
20   #app {
21       margin-top: 20px;
22   }
23
24   ul {
25       list-style-type: none;
26       padding: 0;
27   }
28
29   li {
30       display: flex;
31       justify-content: space-between;
32       align-items: center;
33       padding: 8px 0;
34       border-bottom: 1px solid #ccc;
35   }
36
37   li:last-child {
38       border-bottom: none;
39   }
40
```

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OUTPUT:

After Remove