NAME:- HARSH MAKWANA

INTERNSHIP NAME:- MOTION CUT

INTERNSHIP STARTING DATE:- 01-02-2024

HTML CODE:-

```
<!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>To-Do List</title>
</head>
<body>
    <div id="app">
        <h1>To-Do List</h1>
        <div id="task-container">
```

```html
        <!-- Tasks will be dynamically
added here -->
    </div>
    <div id="input-container">
        <input type="text" id="new-task"
placeholder="Add a new task...">
        <button
onclick="addTask()">Add</button>
    </div>
  </div>

    <script src="script.js"></script>
</body>
</html>
```

CSS CODE:-

```css
body {
    font-family: 'Arial', sans-serif;
    background-color: #f5f5f5;
    margin: 0;
    display: flex;
    align-items: center;
    justify-content: center;
    height: 100vh;
}

#app {
    text-align: center;
    max-width: 400px;
    width: 100%;
```

```css
}

#task-container {
    margin-top: 20px;
}

.task {
    display: flex;
    justify-content: space-between;
    align-items: center;
    background-color: #fff;
    padding: 10px;
    margin: 5px 0;
    border-radius: 5px;
}
```

```css
.completed {
    text-decoration: line-through;
}


#input-container {
    margin-top: 20px;
}


#new-task {
    padding: 8px;
    width: 60%;
}

button {
```

```
  padding: 8px;
}
```

JAVASCRIPT CODE:-

```javascript
document.addEventListener('DOMCont
ntLoaded', () => {
    loadTasks();
});

function addTask() {
    const input =
document.getElementById('new-task');
    const taskText = input.value.trim();

    if (taskText !== '') {
        const task = {
            id: new Date().getTime(),
            text: taskText,
```

```
        completed: false,
    };

    saveTask(task);
    input.value = '';
    loadTasks();
  }
}

function saveTask(task) {
  let tasks =
JSON.parse(localStorage.getItem('task
) || [];
  tasks.push(task);
  localStorage.setItem('tasks',
JSON.stringify(tasks));
```

```javascript
}

function loadTasks() {
    const taskContainer =
document.getElementById('task-
container');

    taskContainer.innerHTML = '';

    let tasks =
JSON.parse(localStorage.getItem('tasks'
) || [];

    tasks.forEach(task => {
        const taskElement =
document.createElement('div');
        taskElement.classList.add('task');
```

```
    if (task.completed) {

taskElement.classList.add('completed')
    }


    taskElement.innerHTML = `
      <span>${task.text}</span>
      <div>
        <button
onclick="toggleTask(${task.id})">Toggl
</button>
        <button
onclick="deleteTask(${task.id})">Delete
/button>
      </div>
    `;
```

```javascript
taskContainer.appendChild(taskElemen
;
  });
}

function toggleTask(id) {
  let tasks =
JSON.parse(localStorage.getItem('task
) || [];
  tasks = tasks.map(task => {
    if (task.id === id) {
      task.completed =
!task.completed;
    }
```

```javascript
        return task;
    });

    localStorage.setItem('tasks',
JSON.stringify(tasks));
    loadTasks();
}

function deleteTask(id) {
    let tasks =
JSON.parse(localStorage.getItem('tasks
) || [];
    tasks = tasks.filter(task => task.id !==
id);

    localStorage.setItem('tasks',
```

```
JSON.stringify(tasks));
    loadTasks();
}
```

OUTPUT:-

To-Do List

Add a new task...   Add