**MERN STACK WEEK-3 MINI PROJECT**

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**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>Task Management App</title>

</head>

<body>

<div class="container">

<h1>Task Management App</h1>

<input type="text" id="taskInput" placeholder="Enter a new task">

<button id="addTaskBtn">Add Task</button>

<ul id="taskList"></ul>

</div>

<script src="script.js"></script>

</body>

</html>

**CSS CODE:**

body {

font-family: Arial, sans-serif;

margin: 50px;

padding: 20px;

background-color: skyblue;

}

.container {

max-width: 600px;

margin: auto;

padding: 20px;

background-color: white;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

}

button {

padding: 5px 10px;

background-color: #007bff;

color: #fff;

border: none;

cursor: pointer;

}

ul {

list-style: none;

padding: 0;

}

**JAVASCRIPT CODE:**

document.addEventListener("DOMContentLoaded", () => {

const taskInput = document.getElementById("taskInput");

const addTaskBtn = document.getElementById("addTaskBtn");

const taskList = document.getElementById("taskList");

// Load tasks from local storage

const tasks = JSON.parse(localStorage.getItem("tasks")) || [];

// Populate task list on page load

function populateTaskList() {

taskList.innerHTML = "";

tasks.forEach((task, index) => {

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

li.innerHTML = `

<span>${task}</span>

<button class="deleteBtn" data-index="${index}">Delete</button>

`;

taskList.appendChild(li);

});

}

// Save tasks to local storage

function saveTasks() {

localStorage.setItem("tasks", JSON.stringify(tasks));

}

// Add task

addTaskBtn.addEventListener("click", () => {

const newTask = taskInput.value.trim();

if (newTask !== "") {

tasks.push(newTask);

populateTaskList();

saveTasks();

taskInput.value = "";

}

});

// Delete task

taskList.addEventListener("click", (event) => {

if (event.target.classList.contains("deleteBtn")) {

const index = parseInt(event.target.getAttribute("data-index"));

tasks.splice(index, 1);

populateTaskList();

saveTasks();

}

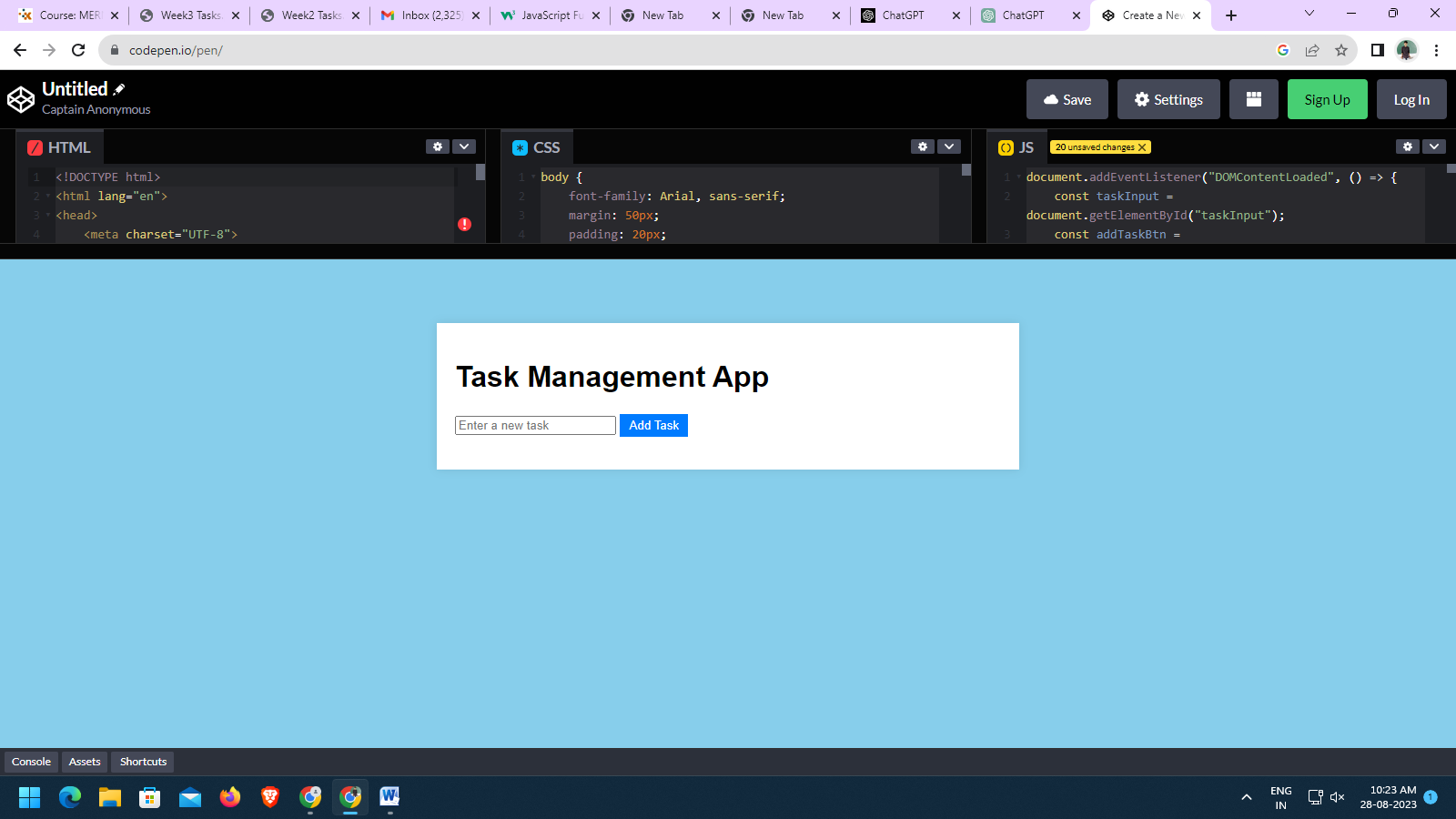
});

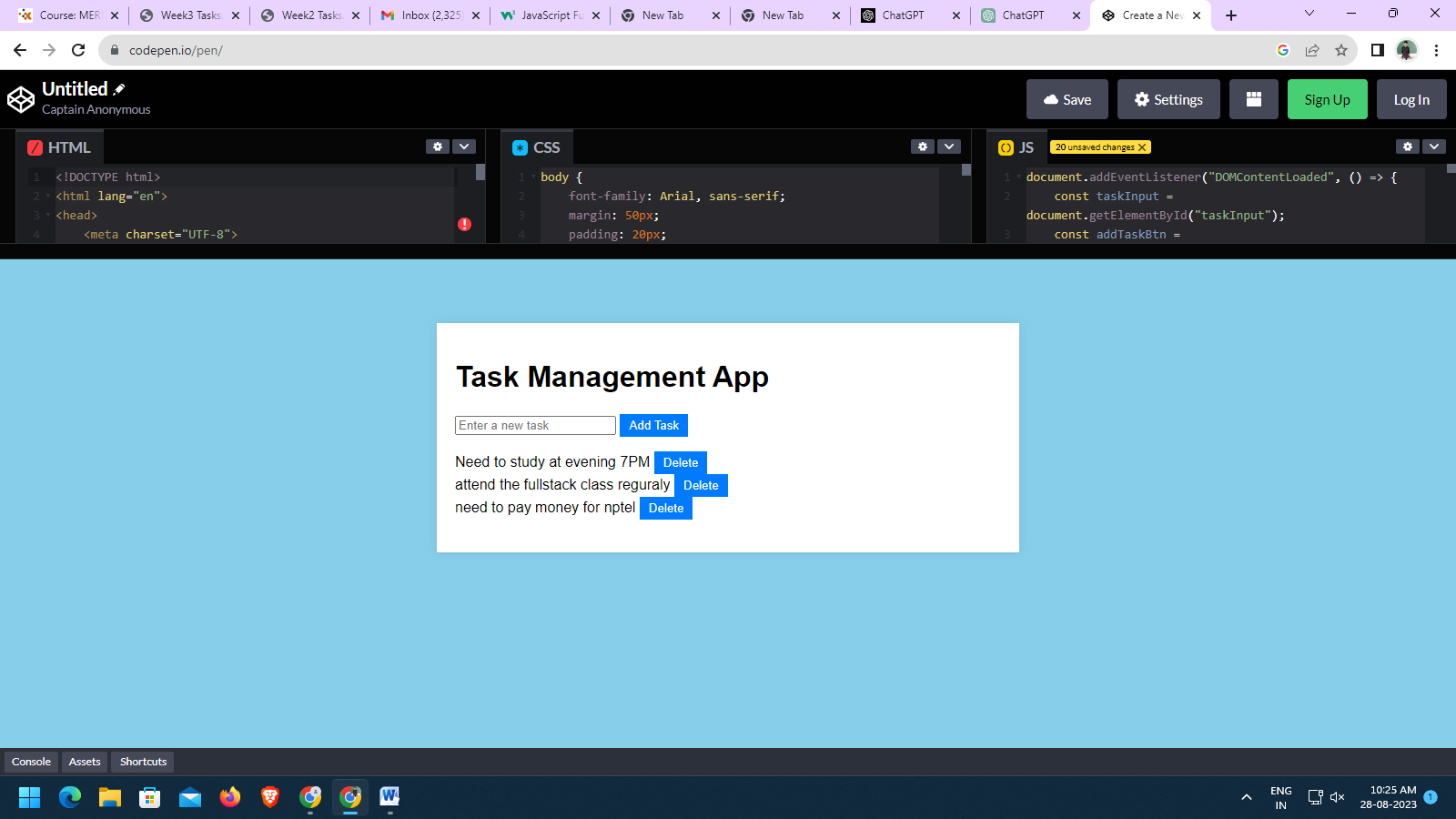
// Populate initial task list

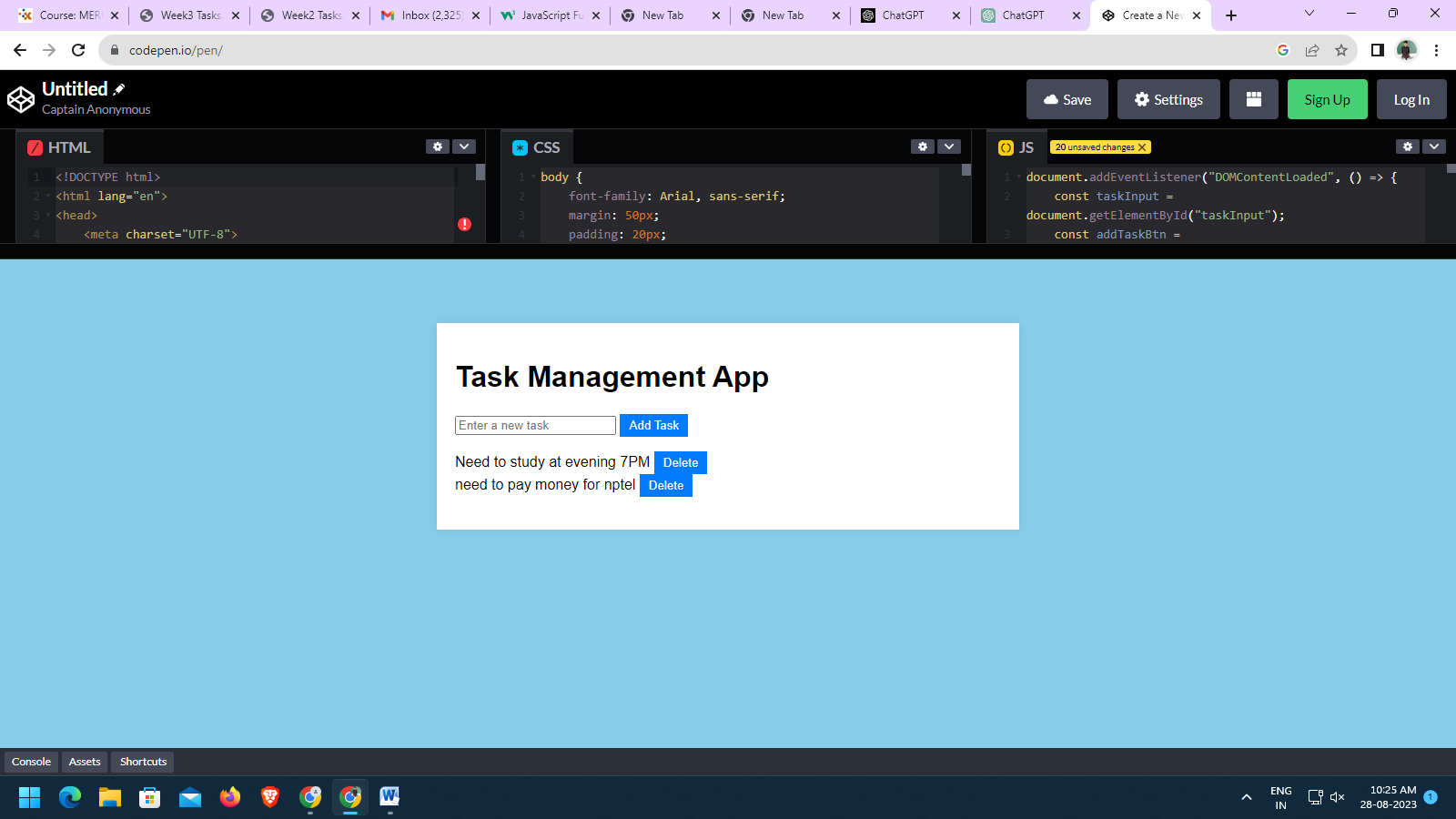
populateTaskList();

});

**OUTPUT:**

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