**class Task {**

**constructor(description, status = "To Do") {**

**this.description = description;**

**this.status = status;**

**}**

**toString() {**

**return ${this.description} - Status: ${this.status};**

**}**

**}**

**class Project {**

**constructor(name, description) {**

**this.name = name;**

**this.description = description;**

**this.tasks = [];**

**}**

**addTask(task) {**

**this.tasks.push(task);**

**}**

**displayTasks() {**

**console.log(Tasks for Project: ${this.name});**

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

**console.log(${index + 1}. ${task});**

**});**

**}**

**}**

**const projects = [];**

**function createProject() {**

**const name = prompt("Enter project name:");**

**const description = prompt("Enter project description:");**

**const project = new Project(name, description);**

**projects.push(project);**

**console.log("Project created successfully!");**

**}**

**function createTask(projectIndex) {**

**const description = prompt("Enter task description:");**

**const task = new Task(description);**

**projects[projectIndex].addTask(task);**

**console.log("Task added successfully!");**

**}**

**function viewProjects() {**

**if (projects.length === 0) {**

**console.log("No projects available.");**

**} else {**

**projects.forEach((project, index) => {**

**console.log(${index + 1}. ${project.name});**

**});**

**const projectIndex = parseInt(prompt("Select a project to view tasks:")) - 1;**

**if (projectIndex >= 0 && projectIndex < projects.length) {**

**projects[projectIndex].displayTasks();**

**} else {**

**console.log("Invalid project index.");**

**}**

**}**

**}**

**function main() {**

**while (true) {**

**const choice = parseInt(prompt(`**

**1. Create Project**

**2. View Projects**

**3. Exit**

**Enter your choice:`));**

**switch (choice) {**

**case 1:**

**createProject();**

**break;**

**case 2:**

**viewProjects();**

**break;**

**case 3:**

**console.log("Exiting program...");**

**return;**

**default:**

**console.log("Invalid choice. Please try again.");**

**}**

**}**

**}**

**main();**