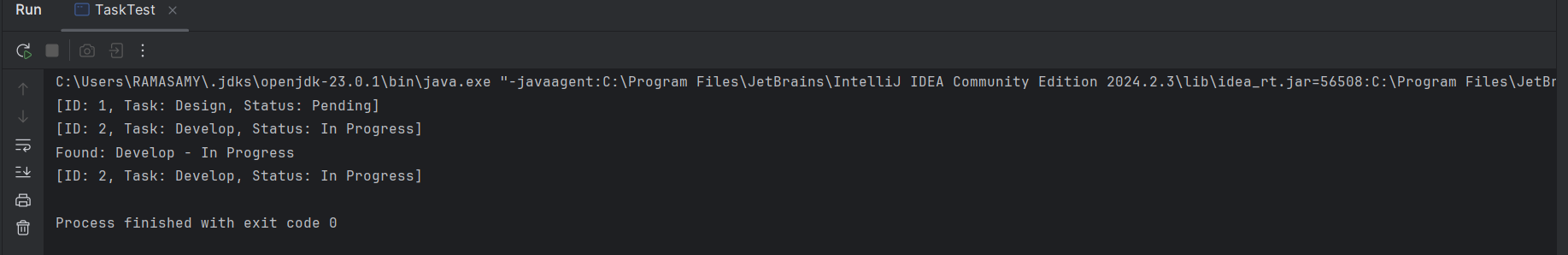
**Exercise 5: Task Management System**

**CODE:**

**TaskTest.java**

class Task {  
 int taskId;  
 String taskName;  
 String status;  
 Task next;  
  
 public Task(int taskId, String taskName, String status) {  
 this.taskId = taskId;  
 this.taskName = taskName;  
 this.status = status;  
 this.next = null;  
 }  
}  
  
class TaskManager {  
 private Task head;  
  
 public void addTask(Task t) {  
 if (head == null) {  
 head = t;  
 } else {  
 Task temp = head;  
 while (temp.next != null) {  
 temp = temp.next;  
 }  
 temp.next = t;  
 }  
 }  
  
 public void displayTasks() {  
 Task temp = head;  
 while (temp != null) {  
 System.*out*.println("[ID: " + temp.taskId + ", Task: " + temp.taskName + ", Status: " + temp.status + "]");  
 temp = temp.next;  
 }  
 }  
  
 public void searchTask(int id) {  
 Task temp = head;  
 while (temp != null) {  
 if (temp.taskId == id) {  
 System.*out*.println("Found: " + temp.taskName + " - " + temp.status);  
 return;  
 }  
 temp = temp.next;  
 }  
 System.*out*.println("Task not found.");  
 }  
  
 public void deleteTask(int id) {  
 if (head == null) return;  
 if (head.taskId == id) {  
 head = head.next;  
 return;  
 }  
 Task temp = head;  
 while (temp.next != null && temp.next.taskId != id) {  
 temp = temp.next;  
 }  
 if (temp.next != null) {  
 temp.next = temp.next.next;  
 }  
 }  
}  
  
class TaskTest {  
 public static void main(String[] args) {  
 TaskManager manager = new TaskManager();  
 manager.addTask(new Task(1, "Design", "Pending"));  
 manager.addTask(new Task(2, "Develop", "In Progress"));  
 manager.displayTasks();  
 manager.searchTask(2);  
 manager.deleteTask(1);  
 manager.displayTasks();  
 }  
}

**OUTPUT:**

****