

```
4
5
6 import java.util.ArrayList;
7 import java.util.Scanner;
8
9 public class TaskManager {
10     private static ArrayList<String> tasks = new ArrayList<>();
11
12     Run | Debug
13     public static void main(String[] args) {
14         Scanner scanner = new Scanner(System.in);
15         boolean exit = false;
16
17         while (!exit) {
18             System.out.println(x:"Task Manager");
19             System.out.println(x:"1. Add Task");
20             System.out.println(x:"2. Delete Task");
21             System.out.println(x:"3. Mark Task as Completed");
22             System.out.println(x:"4. View Tasks");
23             System.out.println(x:"5. Exit");
24             System.out.print(s:"Enter your choice: ");
25             int choice = scanner.nextInt();
26             scanner.nextLine(); // Consume newline character
27
28             switch (choice) {
29                 case 1:
30                     System.out.print(s:"Enter task to add: ");
31                     String taskToAdd = scanner.nextLine();
32                     addTask(taskToAdd);
33                     break;
34                 case 2:
35                     System.out.print(s:"Enter index of task to delete: ");
36                     int indexToDelete = scanner.nextInt();
37                     scanner.nextLine(); // Consume newline character
38                     deleteTask(indexToDelete);
39                     break;
40                 case 3:
41                     System.out.print(s:"Enter index of task to mark as completed: ");
```

```

J TaskManager.java > TaskManager > deleteTask(int)
32         int indexToDelete = scanner.nextInt();
33         scanner.nextLine(); // Consume newline character
34         deleteTask(indexToDelete);
35         break;
36     case 3:
37         System.out.print(s:"Enter index of task to mark as completed: ");
38         int indexToComplete = scanner.nextInt();
39         scanner.nextLine(); // Consume newline character
40         markTaskAsCompleted(indexToComplete);
41         break;
42     case 4:
43         viewTasks();
44         break;
45     case 5:
46         exit = true;
47         System.out.println(x:"Exiting...");
48         break;
49     default:
50         System.out.println(x:"Invalid choice. Please enter a number between 1 and 5.");
51     }
52 }
53
54 scanner.close();
55 }
56
57 private static void addTask(String task) {
58     tasks.add(task);
59     System.out.println(x:"Task added successfully.");
60 }
61
62 private static void deleteTask(int index) {
63     if (index >= 0 && index < tasks.size()) {
64         tasks.remove(index);
65         System.out.println(x:"Task deleted successfully.");
66     } else {
67         System.out.println(x:"Invalid index. No task deleted.");
68     }

```

```
private static void deleteTask(int index) {  
    if (index >= 0 && index < tasks.size()) {  
        tasks.remove(index);  
        System.out.println(x:"Task deleted successfully.");  
    } else {  
        System.out.println(x:"Invalid index. No task deleted.");  
    }  
}
```

```
private static void markTaskAsCompleted(int index) {  
    if (index >= 0 && index < tasks.size()) {  
        String task = tasks.get(index);  
        tasks.set(index, "[Completed] " + task);  
        System.out.println(x:"Task marked as completed.");  
    } else {  
        System.out.println(x:"Invalid index. No task marked as completed.");  
    }  
}
```

```
private static void viewTasks() {  
    if (tasks.isEmpty()) {  
        System.out.println(x:"No tasks found.");  
    } else {  
        System.out.println(x:"Tasks:");  
        for (int i = 0; i < tasks.size(); i++) {  
            System.out.println(i + ". " + tasks.get(i));  
        }  
    }  
}
```



Enter your choice: 4

Tasks:

0. read

Task Manager

1. Add Task

2. Delete Task

3. Mark Task as Completed

4. View Tasks

5. Exit

Enter your choice: 5

Exiting...

C:\Users\devis\OneDrive\Desktop\R DEVISH- EASY LEVEL>S