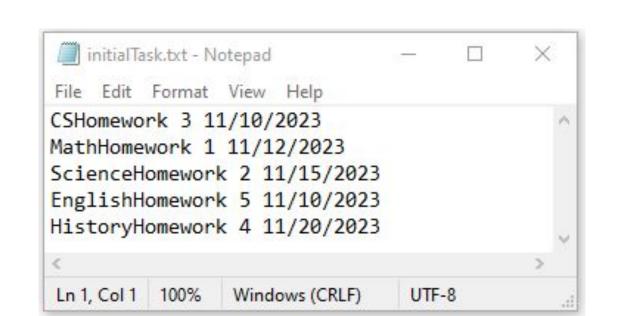
### Java Task Management System: Screenshots of Functionality

Max Gastelum

Initializing Task Management System with Input File



```
The initial to-do list and completed tasks list initialized with the input file:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
```

Press 9: To Sort To-Do List by Priority.

Press 10: To Undo Last Action(add, remove, or complete).

Press 11: To Exit.

Enter Selection:

Press 8: To Display To-Do List and Completed Tasks List.

## Management System

Adding 15 More Tasks to Total 20 Tasks in the Task

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask1
Please enter a priority level (integer value):1
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/10/2023
AddedTask1 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                               Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
                     4
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
```

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask2
Please enter a priority level (integer value):3
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/08/2023
AddedTask2 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
                     4
HistoryHomework
                                11/20/2023
AddedTask1
                     1
                                11/10/2023
AddedTask2
                     3
                                11/08/2023
```

```
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask3
Please enter a priority level (integer value):6
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):12/01/2023
AddedTask3 has been added to the to-do list:
To-Do List:
                                Due Date
Task Name
                     Priority
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
                     4
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
```

Please Make a Selection: Press 1: To Add a Task.

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask4
Please enter a priority level (integer value):4
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/15/2023
AddedTask4 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces): AddedTask5
Please enter a priority level (integer value):2
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/14/2023
AddedTask5 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask6
Please enter a priority level (integer value):5
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/11/2023
AddedTask6 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                     3
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                     6
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                     2
                                11/14/2023
AddedTask6
                                11/11/2023
```

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask7
Please enter a priority level (integer value):4
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/17/2023
AddedTask7 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                     1
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                     6
                                12/01/2023
AddedTask4
                     4
                                11/15/2023
AddedTask5
                     2
                                11/14/2023
AddedTask6
                                11/11/2023
```

11/17/2023

Please Make a Selection:

AddedTask7

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask8
Please enter a priority level (integer value):10
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):12/28/2023
AddedTask8 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                                11/11/2023
AddedTask7
                                11/17/2023
AddedTask8
                     10
                                12/28/2023
```

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask9
Please enter a priority level (integer value):1
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):12/02/2023
AddedTask9 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
                     3
MathHomework
                                11/12/2023
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                     2
                                11/14/2023
AddedTask6
                     5
                                11/11/2023
AddedTask7
                                11/17/2023
AddedTask8
                     10
                                12/28/2023
AddedTask9
                     1
                                12/02/2023
```

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask10
Please enter a priority level (integer value):9
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/25/2023
AddedTask10 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                     1
                                11/12/2023
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                     5
                                11/10/2023
                     4
HistoryHomework
                                11/20/2023
AddedTask1
                     1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                     6
                                12/01/2023
AddedTask4
                     4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                     5
                                11/11/2023
AddedTask7
                                11/17/2023
                     4
AddedTask8
                     10
                                12/28/2023
AddedTask9
                                12/02/2023
                     1
```

AddedTask10

9

11/25/2023

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask11
Please enter a priority level (integer value):8
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/20/2023
AddedTask11 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                                11/11/2023
AddedTask7
                                11/17/2023
AddedTask8
                                12/28/2023
                     10
AddedTask9
                                12/02/2023
AddedTask10
                                11/25/2023
AddedTask11
                                11/20/2023
```

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask12
Please enter a priority level (integer value):2
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):11/18/2023
AddedTask12 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                               Due Date
CSHomework
                     3
                               11/10/2023
MathHomework
                               11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask1
                     1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
                     5
AddedTask6
                                11/11/2023
                     4
AddedTask7
                                11/17/2023
AddedTask8
                     10
                                12/28/2023
AddedTask9
                     1
                                12/02/2023
AddedTask10
                     9
                                11/25/2023
AddedTask11
                                11/20/2023
```

AddedTask12

2

11/18/2023

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask13
Please enter a priority level (integer value):10
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):12/20/2023
AddedTask13 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                     4
                                11/15/2023
AddedTask5
                     2
                                11/14/2023
                     5
AddedTask6
                                11/11/2023
AddedTask7
                     4
                                11/17/2023
AddedTask8
                     10
                                12/28/2023
AddedTask9
                     1
                                12/02/2023
AddedTask10
                                11/25/2023
AddedTask11
                     8
                                11/20/2023
AddedTask12
                     2
                                11/18/2023
```

AddedTask13

10

12/20/2023

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask14
Please enter a priority level (integer value):11
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):01/05/2024
AddedTask14 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
                                11/10/2023
CSHomework
MathHomework
                                11/12/2023
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                     5
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                     5
                                11/11/2023
AddedTask7
                     4
                                11/17/2023
AddedTask8
                     10
                                12/28/2023
                                12/02/2023
AddedTask9
                     1
                     9
                                11/25/2023
AddedTask10
AddedTask11
                     8
                                11/20/2023
AddedTask12
                     2
                                11/18/2023
AddedTask13
                     10
                                12/20/2023
```

01/05/2024

11

Please Make a Selection:

AddedTask14

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces):AddedTask15
Please enter a priority level (integer value):10
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):01/03/2024
AddedTask15 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
CSHomework
                                11/10/2023
MathHomework
                                11/12/2023
                     1
ScienceHomework
                     2
                                11/15/2023
                     5
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask1
                     1
                                11/10/2023
                     3
                                11/08/2023
AddedTask2
AddedTask3
                     6
                                12/01/2023
AddedTask4
                     4
                                11/15/2023
AddedTask5
                     2
                                11/14/2023
AddedTask6
                     5
                                11/11/2023
                     4
                                11/17/2023
AddedTask7
AddedTask8
                     10
                                12/28/2023
AddedTask9
                     1
                                12/02/2023
AddedTask10
                     9
                                11/25/2023
                     8
                                11/20/2023
AddedTask11
AddedTask12
                                11/18/2023
AddedTask13
                     10
                                12/20/2023
AddedTask14
                     11
                                01/05/2024
```

AddedTask15

10

01/03/2024

## Removing Tasks at the Front of the To-Do List

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 2
CSHomework has been removed from the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
MathHomework
                     1
                                11/12/2023
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
                     1
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                     6
                                12/01/2023
                     4
AddedTask4
                                11/15/2023
AddedTask5
                     2
                                11/14/2023
AddedTask6
                     5
                                11/11/2023
AddedTask7
                                11/17/2023
AddedTask8
                     10
                                12/28/2023
AddedTask9
                     1
                                12/02/2023
AddedTask10
                     9
                                11/25/2023
AddedTask11
                                11/20/2023
AddedTask12
                     2
                                11/18/2023
AddedTask13
                     10
                                12/20/2023
AddedTask14
                     11
                                01/05/2024
AddedTask15
                     10
                                01/03/2024
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 2
MathHomework has been removed from the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
ScienceHomework
                                11/15/2023
                     2
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                     4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                                11/11/2023
AddedTask7
                                11/17/2023
AddedTask8
                     10
                                12/28/2023
AddedTask9
                                12/02/2023
AddedTask10
                     9
                                11/25/2023
AddedTask11
                     8
                                11/20/2023
AddedTask12
                                11/18/2023
                     2
AddedTask13
                     10
                                12/20/2023
AddedTask14
                     11
                                01/05/2024
AddedTask15
                     10
                                01/03/2024
```

Removing Specific Tasks from the To-Do List Based On its

Name

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 3
Removing a task from the to-do list:
Enter the name of the task you wish to remove(case sensitive):AddedTask8
AddedTask8 has been removed from the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                     4
                               11/20/2023
AddedTask1
                               11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
                     5
AddedTask6
                                11/11/2023
AddedTask7
                     4
                                11/17/2023
                     1
AddedTask9
                                12/02/2023
                     9
                                11/25/2023
AddedTask10
                     8
                                11/20/2023
AddedTask11
AddedTask12
                     2
                                11/18/2023
                     10
                                12/20/2023
AddedTask13
AddedTask14
                     11
                                01/05/2024
AddedTask15
                     10
                                01/03/2024
```

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 3
Removing a task from the to-do list:
Enter the name of the task you wish to remove(case sensitive): AddedTask15
AddedTask15 has been removed from the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                                11/10/2023
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                                11/11/2023
AddedTask7
                                11/17/2023
                                12/02/2023
AddedTask9
AddedTask10
                                11/25/2023
AddedTask11
                                11/20/2023
AddedTask12
                                11/18/2023
AddedTask13
                     10
                                12/20/2023
                                01/05/2024
AddedTask14
                     11
```

# Marking Tasks at the Front of the To-Do List as Completed

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 4
ScienceHomework has been marked as completed:
To-Do List:
Task Name
                     Priority
                                Due Date
EnglishHomework
                                11/10/2023
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                                11/11/2023
AddedTask7
                                11/17/2023
AddedTask9
                                12/02/2023
AddedTask10
                                11/25/2023
AddedTask11
                                11/20/2023
AddedTask12
                                11/18/2023
AddedTask13
                     10
                                12/20/2023
AddedTask14
                     11
                                01/05/2024
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                                11/15/2023
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 4
EnglishHomework has been marked as completed:
To-Do List:
Task Name
                     Priority
                                Due Date
HistoryHomework
                                11/20/2023
                     4
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                     6
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                                11/11/2023
                     4
AddedTask7
                                11/17/2023
AddedTask9
                                12/02/2023
AddedTask10
                                11/25/2023
AddedTask11
                                11/20/2023
AddedTask12
                                11/18/2023
AddedTask13
                     10
                                12/20/2023
AddedTask14
                     11
                                01/05/2024
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
```

Marking Specific Tasks from the To-Do List as Completed

Based On its Name

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 5
Marking a task from to-do list as completed:
Enter the task name of the task you wish to mark as completed(case sensitive): AddedTask10
AddedTask10 has been marked as completed:
To-Do List:
Task Name
                     Priority
                                Due Date
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                     4
                                11/15/2023
                                11/14/2023
AddedTask5
AddedTask6
                                11/11/2023
                     4
AddedTask7
                                11/17/2023
AddedTask9
                     1
                                12/02/2023
AddedTask11
                                11/20/2023
AddedTask12
                     2
                                11/18/2023
AddedTask13
                     10
                                12/20/2023
AddedTask14
                     11
                                01/05/2024
Completed Tasks:
Task Name
                    Priority
                                Due Date
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
AddedTask10
                                11/25/2023
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 5
Marking a task from to-do list as completed:
Enter the task name of the task you wish to mark as completed(case sensitive): AddedTask14
AddedTask14 has been marked as completed:
To-Do List:
Task Name
                     Priority
                                Due Date
HistoryHomework
                                11/20/2023
AddedTask1
                                11/10/2023
AddedTask2
                                11/08/2023
AddedTask3
                                12/01/2023
AddedTask4
                                11/15/2023
AddedTask5
                                11/14/2023
AddedTask6
                                11/11/2023
AddedTask7
                     4
                                11/17/2023
AddedTask9
                                12/02/2023
AddedTask11
                     8
                                11/20/2023
AddedTask12
                                11/18/2023
AddedTask13
                     10
                                12/20/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
AddedTask10
                     9
                                11/25/2023
AddedTask14
                     11
                                01/05/2024
```

Sorting the To-Do List

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 9
The to-do list has been sorted:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask1
                                11/10/2023
AddedTask9
                                12/02/2023
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask6
                                11/11/2023
AddedTask3
                                12/01/2023
AddedTask11
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
```

Adding a Task then Undoing

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 1
Adding a task to the to-do list:
Please enter a task name (no spaces): AddedTask16
Please enter a priority level (integer value):7
Please enter a due date in mm/dd/yyyy format (include leading 0 for month and day if necessary):12/10/2023
AddedTask16 has been added to the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask1
                                11/10/2023
AddedTask9
                                12/02/2023
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                                11/20/2023
AddedTask6
                                11/11/2023
AddedTask3
                                12/01/2023
AddedTask11
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
AddedTask16
                                12/10/2023
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 10
The last action has been undone:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask1
                                11/10/2023
AddedTask9
                                12/02/2023
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                                11/20/2023
AddedTask6
                                11/11/2023
AddedTask3
                                12/01/2023
AddedTask11
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                                11/15/2023
EnglishHomework
                                11/10/2023
AddedTask10
                                11/25/2023
AddedTask14
                     11
                                01/05/2024
```

Removing a Task at the Front of the To-Do List then

**Undoing** 

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 2
AddedTask1 has been removed from the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask9
                                12/02/2023
                     1
AddedTask5
                                11/14/2023
AddedTask12
                     2
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                     4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask6
                     5
                                11/11/2023
AddedTask3
                     6
                                12/01/2023
AddedTask11
                     8
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 10
The last action has been undone:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask9
                                12/02/2023
                     1
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                                11/20/2023
AddedTask6
                                11/11/2023
AddedTask3
                                12/01/2023
AddedTask11
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
AddedTask1
                                11/10/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                                11/15/2023
                     2
EnglishHomework
                     5
                                11/10/2023
AddedTask10
                     9
                                11/25/2023
AddedTask14
                     11
                                01/05/2024
```

Removing a Specific Task from the To-Do List Based on its

Name then Undoing

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 3
Removing a task from the to-do list:
Enter the name of the task you wish to remove(case sensitive):AddedTask6
AddedTask6 has been removed from the to-do list:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask9
                                12/02/2023
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                     3
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                     4
                                11/17/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask3
                                12/01/2023
AddedTask11
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
AddedTask1
                     1
                                11/10/2023
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 10
The last action has been undone:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask9
                                12/02/2023
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                                11/20/2023
AddedTask3
                                12/01/2023
AddedTask11
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
AddedTask1
                     1
                                11/10/2023
AddedTask6
                                11/11/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                                11/15/2023
                     2
EnglishHomework
                                11/10/2023
AddedTask10
                                11/25/2023
AddedTask14
                     11
                                01/05/2024
```

Marking the Task at the Front of the To-Do List as

**Completed Then Undoing** 

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 4
AddedTask9 has been marked as completed:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask5
                                11/14/2023
AddedTask12
                     2
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                     4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask3
                     6
                                12/01/2023
AddedTask11
                     8
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
AddedTask1
                     1
                                11/10/2023
AddedTask6
                     5
                                11/11/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                     5
                                11/10/2023
AddedTask10
                     9
                                11/25/2023
AddedTask14
                     11
                                01/05/2024
AddedTask9
                     1
                                12/02/2023
```

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 10
The last action has been undone:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask5
                     2
                                11/14/2023
AddedTask12
                     2
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                     4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                                11/20/2023
AddedTask3
                                12/01/2023
AddedTask11
                     8
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
AddedTask1
                     1
                                11/10/2023
AddedTask6
                     5
                                11/11/2023
AddedTask9
                                12/02/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                                11/10/2023
AddedTask10
                     9
                                11/25/2023
AddedTask14
                     11
                                01/05/2024
```

Marking Specific Tasks from the To-Do List as Completed

Based On its Name Then Undoing

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 5
Marking a task from to-do list as completed:
Enter the task name of the task you wish to mark as completed(case sensitive): AddedTask11
AddedTask11 has been marked as completed:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                                11/20/2023
AddedTask3
                                12/01/2023
                    10
AddedTask13
                                12/20/2023
AddedTask1
                     1
                                11/10/2023
AddedTask6
                     5
                                11/11/2023
AddedTask9
                     1
                                12/02/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                     5
                                11/10/2023
AddedTask10
                     9
                                11/25/2023
AddedTask14
                    11
                                01/05/2024
AddedTask11
                                11/20/2023
```

```
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 10
The last action has been undone:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask5
                                11/14/2023
                     2
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                                11/20/2023
AddedTask3
                                12/01/2023
AddedTask13
                     10
                                12/20/2023
AddedTask1
                                11/10/2023
AddedTask6
                                11/11/2023
AddedTask9
                                12/02/2023
AddedTask11
                                11/20/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                                11/10/2023
AddedTask10
                     9
                                11/25/2023
AddedTask14
                                01/05/2024
                     11
```

Please Make a Selection:

Sorting the To-Do List Again

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 9
The to-do list has been sorted:
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask1
                     1
                                11/10/2023
AddedTask9
                                12/02/2023
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                     4
                                11/17/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask6
                     5
                                11/11/2023
AddedTask3
                     6
                                12/01/2023
AddedTask11
                     8
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
```

Displaying To-Do List Only

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 6
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask1
                                11/10/2023
                     1
AddedTask9
                                12/02/2023
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                     4
                                11/17/2023
HistoryHomework
                     4
                                11/20/2023
                     5
AddedTask6
                                11/11/2023
AddedTask3
                     6
                                12/01/2023
AddedTask11
                                11/20/2023
AddedTask13
                     10
                                12/20/2023
```

## Displaying Completed Tasks List Only

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Fxit.
Enter Selection: 7
Completed Tasks:
```

Priority

2

5

11

Due Date

11/15/2023

11/10/2023

11/25/2023

01/05/2024

Task Name

AddedTask10

AddedTask14

ScienceHomework

EnglishHomework

# Displaying Both the To-Do List and Completed Tasks List

```
Please Make a Selection:
Press 1: To Add a Task.
Press 2: To Remove First Task From The To-Do List.
Press 3: To Remove Specific Task From The To-Do List.
Press 4: To Mark First Task in To-Do List as Complete.
Press 5: To Mark Specific Task in To-Do as Complete.
Press 6: To Display To-Do List.
Press 7: To Display Completed Tasks List.
Press 8: To Display To-Do List and Completed Tasks List.
Press 9: To Sort To-Do List by Priority.
Press 10: To Undo Last Action(add, remove, or complete).
Press 11: To Exit.
Enter Selection: 8
To-Do List:
Task Name
                     Priority
                                Due Date
AddedTask1
                                11/10/2023
AddedTask9
                                12/02/2023
AddedTask5
                                11/14/2023
AddedTask12
                                11/18/2023
AddedTask2
                                11/08/2023
AddedTask4
                                11/15/2023
AddedTask7
                                11/17/2023
HistoryHomework
                     4
                                11/20/2023
AddedTask6
                     5
                                11/11/2023
AddedTask3
                     6
                                12/01/2023
AddedTask11
                     8
                                11/20/2023
AddedTask13
                     10
                                 12/20/2023
Completed Tasks:
Task Name
                     Priority
                                Due Date
ScienceHomework
                     2
                                11/15/2023
EnglishHomework
                     5
                                11/10/2023
AddedTask10
                     9
                                11/25/2023
AddedTask14
                     11
                                01/05/2024
```

**Exiting the Program** 

Please Make a Selection:

Press 11: To Fxit Enter Selection: 11

Press 1: To Add a Task.

Thank You! Exiting Program.

Press 2: To Remove First Task From The To-Do List.

Press 6: To Display To-Do List.

Press 3: To Remove Specific Task From The To-Do List.

Press 5: To Mark Specific Task in To-Do as Complete.

Press 4: To Mark First Task in To-Do List as Complete.

Press 8: To Display To-Do List and Completed Tasks List.

Press 10: To Undo Last Action(add, remove, or complete).

Press 7: To Display Completed Tasks List.

Press 9: To Sort To-Do List by Priority.