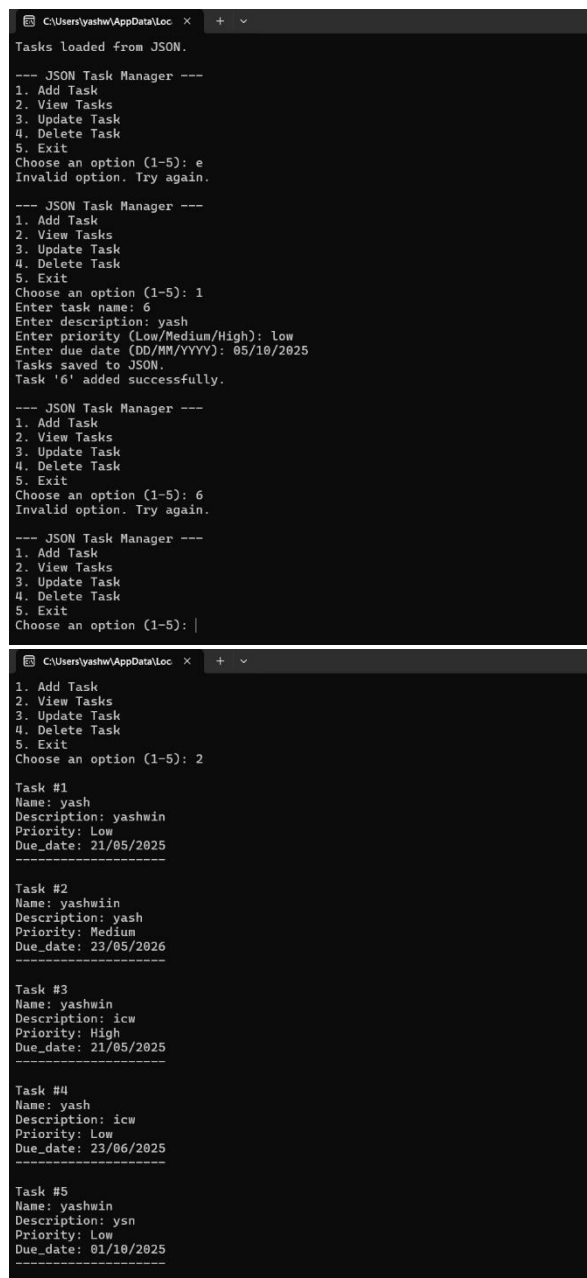


GitHub Repo - <https://github.com/yashwinsivakumar/task-manager-gui-tkinter>

### Screenshots of testing



```
C:\Users\yashw\AppData\Loc X + v
Tasks loaded from JSON.

--- JSON Task Manager ---
1. Add Task
2. View Tasks
3. Update Task
4. Delete Task
5. Exit
Choose an option (1-5): e
Invalid option. Try again.

--- JSON Task Manager ---
1. Add Task
2. View Tasks
3. Update Task
4. Delete Task
5. Exit
Choose an option (1-5): 1
Enter task name: 6
Enter description: yash
Enter priority (Low/Medium/High): low
Enter due date (DD/MM/YYYY): 05/10/2025
Tasks saved to JSON.
Task '6' added successfully.

--- JSON Task Manager ---
1. Add Task
2. View Tasks
3. Update Task
4. Delete Task
5. Exit
Choose an option (1-5): 6
Invalid option. Try again.

--- JSON Task Manager ---
1. Add Task
2. View Tasks
3. Update Task
4. Delete Task
5. Exit
Choose an option (1-5): |

C:\Users\yashw\AppData\Loc X + v
1. Add Task
2. View Tasks
3. Update Task
4. Delete Task
5. Exit
Choose an option (1-5): 2

Task #1
Name: yash
Description: yashwin
Priority: Low
Due_date: 21/05/2025
-----

Task #2
Name: yashwiin
Description: yash
Priority: Medium
Due_date: 23/05/2026
-----

Task #3
Name: yashwin
Description: icw
Priority: High
Due_date: 21/05/2025
-----

Task #4
Name: yash
Description: icw
Priority: Low
Due_date: 23/06/2025
-----

Task #5
Name: yashwin
Description: ysn
Priority: Low
Due_date: 01/10/2025
-----
```

```
C:\Users\yashw\AppData\Loc x + v
Description: icw
Priority: High
Due_date: 21/05/2025
-----

Task #4
Name: yash
Description: icw
Priority: Low
Due_date: 23/06/2025
-----

Task #5
Name: yashwin
Description: ysn
Priority: Low
Due_date: 01/10/2025
-----

Task #6
Name: 6
Description: yash
Priority: Low
Due_date: 05/10/2025
-----

Enter task number to update: 6
Updating task: 6
Enter new name: yashwin
Enter new description: Yash
Enter new priority (Low/Medium/High): medium
Enter new due date (DD/MM/YYYY): 01/10/2025
Tasks saved to JSON.
Task updated successfully.

--- JSON Task Manager ---
1. Add Task
2. View Tasks
3. Update Task
4. Delete Task
5. Exit
Choose an option (1-5):
```

```
C:\Users\yashw\AppData\Loc x + v
Updating task: 6
Enter new name: yashwin
Enter new description: Yash
Enter new priority (Low/Medium/High): medium
Enter new due date (DD/MM/YYYY): 01/10/2025
Tasks saved to JSON.
Task updated successfully.

--- JSON Task Manager ---
1. Add Task
2. View Tasks
3. Update Task
4. Delete Task
5. Exit
Choose an option (1-5): 4

Task #1
Name: yash
Description: yashwin
Priority: Low
Due_date: 21/05/2025
-----

Task #2
Name: yashwiin
Description: yash
Priority: Medium
Due_date: 23/05/2026
-----

Task #3
Name: yashwin
Description: icw
Priority: High
Due_date: 21/05/2025
-----

Task #4
Name: yash
Description: icw
Priority: Low
```

```
C:\Users\yashw\AppData\Loc x + v
Due_date: 23/05/2026
-----
Task #3
Name: yashwin
Description: icw
Priority: High
Due_date: 21/05/2025
-----
Task #4
Name: yash
Description: icw
Priority: Low
Due_date: 23/06/2025
-----
Task #5
Name: yashwin
Description: ysn
Priority: Low
Due_date: 01/10/2025
-----
Task #6
Name: yashwin
Description: Yash
Priority: Medium
Due_date: 01/10/2025
-----
Enter task number to delete: 6
Tasks saved to JSON.
Task 'yashwin' deleted.

--- JSON Task Manager ---
1. Add Task
2. View Tasks
3. Update Task
4. Delete Task
5. Exit
Choose an option (1-5):
```

The saved tasks in tasks.json

```
File Edit View

[
  {
    "name": "yash",
    "description": "yashwin",
    "priority": "Low",
    "due_date": "21/05/2025"
  },
  {
    "name": "yashwin",
    "description": "yash",
    "priority": "Medium",
    "due_date": "23/05/2026"
  },
  {
    "name": "yashwin",
    "description": "icw",
    "priority": "High",
    "due_date": "21/05/2025"
  },
  {
    "name": "yash",
    "description": "icw",
    "priority": "Low",
    "due_date": "23/06/2025"
  },
  {
    "name": "yashwin",
    "description": "ysn",
    "priority": "Low",
    "due_date": "01/10/2025"
  }
]
```

GUI Records

Personal Task Manager

Filter Tasks

Name:

Priority: 

All

Due Date (DD/MM/YYYY):

Filter

Sort by Name

Sort by Priority

Sort by Due Date

Name	Description	Priority	Due Date
yash	yashwin	Low	21/05/2025
yashwin	yash	Medium	23/05/2026
yashwin	icw	High	21/05/2025
yash	icw	Low	23/06/2025
yashwin	ysn	Low	01/10/2025

Personal Task Manager

Filter Tasks

Name: yashwin

Priority: All

Due Date (DD/MM/YYYY):

Filter

Sort by Name

Sort by Priority

Sort by Due Date

Name	Description	Priority	Due Date
yashwin	icw	High	21/05/2025
yashwin	ysn	Low	01/10/2025

Personal Task Manager

Filter Tasks

Name: yashwin

Priority: High

Due Date (DD/MM/YYYY):

Filter

Sort by Name

Sort by Priority

Sort by Due Date

Name	Description	Priority	Due Date
yashwin	icw	High	21/05/2025

Personal Task Manager

Filter Tasks

Name:

Priority:

All

Due Date (DD/MM/YYYY):

Filter

Sort by Name

Sort by Priority

Sort by Due Date

Name	Description	Priority	Due Date
yash	yashwin	Low	21/05/2025
yashwin	icw	High	21/05/2025
yash	icw	Low	23/06/2025
yashwin	ysn	Low	01/10/2025
yashwin	yash	Medium	23/05/2026

Personal Task Manager

Filter Tasks

Name:

Priority:

All

Due Date (DD/MM/YYYY):

Filter

Sort by Name

Sort by Priority

Sort by Due Date

Name	Description	Priority	Due Date
yashwin	icw	High	21/05/2025
yashwin	yash	Medium	23/05/2026
yash	yashwin	Low	21/05/2025
yash	icw	Low	23/06/2025
yashwin	ysn	Low	01/10/2025

Personal Task Manager

Filter Tasks

Name:

Priority:

All

Due Date (DD/MM/YYYY):

21/05/2025

Filter

Sort by Name

Sort by Priority

Sort by Due Date

Name	Description	Priority	Due Date
yash	yashwin	Low	21/05/2025
yashwin	icw	High	21/05/2025