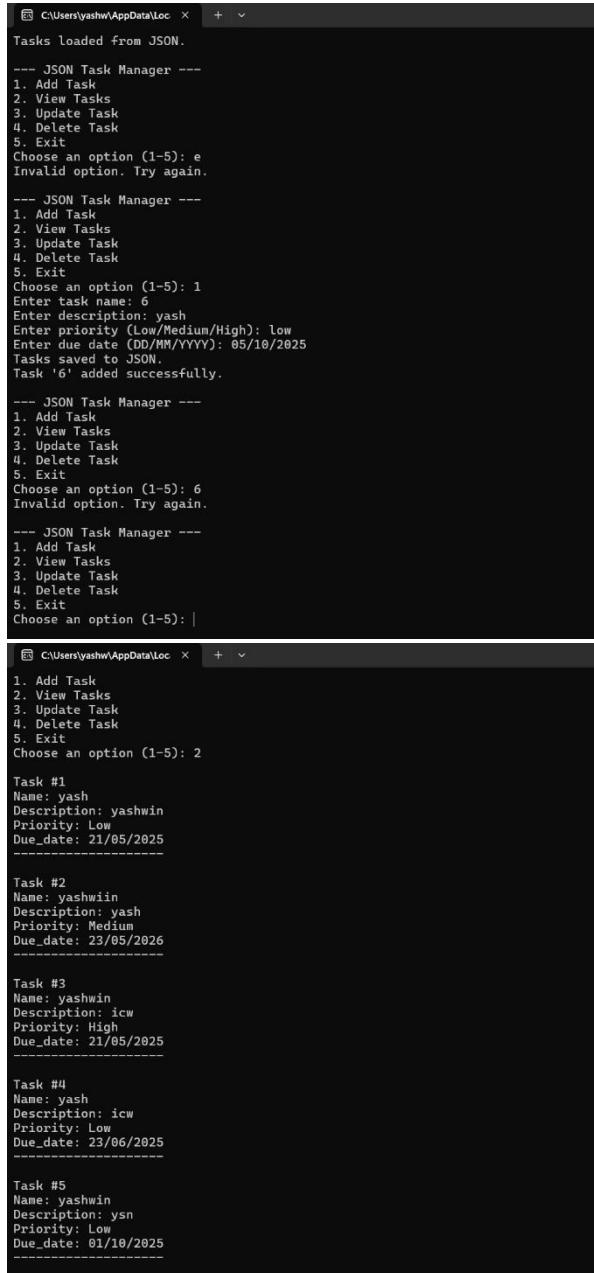


GitHub Repo - <https://github.com/yashwinsivakumar/task-manager-gui-tkinter>

Screenshots of testing



```
C:\Users\yashw\AppData\Loc × + ▾
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 × + ▾
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: yashwin
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 + ▾
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):
```

```
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: yashwin
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 + 
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": "yashwiin",
    "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
Name	Description	Priority	Due Date	
yash	yashwin	Low	21/05/2025	
yashwiin	yash	Medium	23/05/2026	
yashwin	icw	High	21/05/2025	
yash	icw	Low	23/06/2025	
yashwin	ysn	Low	01/10/2025	

Filter Tasks			
Name:	yashwin	Priority:	All
			Due Date (DD/MM/YYYY):
			<input type="button" value="Filter"/>
			<input type="button" value="Sort by Name"/> <input type="button" value="Sort by Priority"/> <input type="button" value="Sort by Due Date"/>
Name	Description	Priority	Due Date
yashwin	icw	High	21/05/2025
yashwin	ysn	Low	01/10/2025

Filter Tasks			
Name:	yashwin	Priority:	High
			Due Date (DD/MM/YYYY):
			<input type="button" value="Filter"/>
			<input type="button" value="Sort by Name"/> <input type="button" value="Sort by Priority"/> <input type="button" value="Sort by Due Date"/>
Name	Description	Priority	Due Date
yashwin	icw	High	21/05/2025

Personal Task Manager

Filter Tasks

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

Sort by Name | Sort by Priority | Sort by Due Date