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# To-do-list - Simple Explanation

## What is this Program?

This is a simple To-do-list manager program written in Python. It can add tasks, show the list of tasks, and remove tasks. The program also saves all tasks in a text file so that they are not lost when we close the program.

## How does it work?

### Step 1: Adding a Task

The program asks for a task name and its priority number. If we enter something that is not a number in priority, it will ask again. When it is correct, it saves the task and priority inside the file tasks.txt.

### Step 2: Viewing Task List

When we choose to see the task list, the program reads all the saved tasks from tasks.txt. It makes two parts: the task name and its priority. Then it sorts the list according to priority (small number = more important) and shows them one by one.

### Step 3: Removing a Task

When we choose remove task, the program asks for the task name we want to delete or mark as complete. It will then rewrite the file without that task. So that task will be removed from the list.

### Step 4: Exiting the Program

If we press e, the program will stop running. This is how the user can close the task manager.

## Output Example

Example Run:  
\_\_\_Your task Manager\_\_\_  
press 1 to add task  
press 2 to see task list  
press 3 to remove task  
press e to exit  
Select an option from above (1/2/3/e): 1  
Enter your task name : Homework  
Enter task priority : 2  
Task is saved!  
  
Later when we press 2, it will show:  
Your task is Homework and priority is 2

## Why this approach?

1. Data Saving: Tasks are stored in a file so they do not disappear.  
2. Sorting: By priority, so important tasks come first.  
3. Easy to Use: Simple menu with options 1, 2, 3, or e.  
4. Beginner Friendly: Logic is simple and easy to understand for new students.