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# Simple To-Do List Manager

# List to store tasks
tasks = []

def add_task(task):
    tasks.append({"task": task, "done": False})

def mark_done(index):
    if 0 <= index < len(tasks):
        tasks[index]["done"] = True
    else:
        print("Invalid task number.")

def show_tasks():
    if not tasks:
        print("No tasks available.")
    for i, task in enumerate(tasks, start=1):
        status = "✅ Done" if task["done"] else "❌ Not Done"
        print(f"{i}. {task['task']} - {status}")

def main():
    while True:
        print("\n--- To-Do List Manager ---")
        print("1. Add Task")
        print("2. Mark Task as Done")
        print("3. Show Tasks")
        print("4. Exit")

        choice = input("Choose an option (1-4): ")

        if choice == "1":
            task = input("Enter your task: ")
            add_task(task)
        elif choice == "2":
            show_tasks()
            try:
                index = int(input("Enter the task number to mark as done: ")) - 1
                mark_done(index)
            except ValueError:
                print("Please enter a valid number.")
        elif choice == "3":
            show_tasks()
        elif choice == "4":
            print("Goodbye!")
            break
        else:
            print("Invalid choice. Please select from the menu.")

if __name__ == "__main__":
    main()

```



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--- To-Do List Manager ---
1. Add Task
2. Mark Task as Done
3. Show Tasks
4. Exit

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Choose an option (1-4): 1
Enter your task: Complete chapter 1 maths

--- To-Do List Manager ---


1. Add Task

2. Mark Task as Done

3. Show Tasks

4. Exit

Choose an option (1-4): 2

1. Complete chapter 1 maths -  Not Done

Enter the task number to mark as done: 1

--- To-Do List Manager ---

1. Add Task

2. Mark Task as Done

3. Show Tasks

4. Exit

Choose an option (1-4): 2

1. Complete chapter 1 maths -  Done

Enter the task number to mark as done: 4

Invalid task number.

--- To-Do List Manager ---

1. Add Task

2. Mark Task as Done

3. Show Tasks

4. Exit

Choose an option (1-4): 4

Goodbye!