## ˅ To Do lsit notebook

Generated code may be subject to a license | Faiaz98/To-Do-list | koskmin/- | Amrutha0231/Day-6 | kartik4888758/Task_Management_Project

```python
def add_task(tasks):
    task = input("Enter the task: ")
    tasks.append({"task": task, "completed": False})
    print("Task added successfully!")

def view_tasks(tasks):
    if not tasks:
        print("No tasks in the list.")
        return

    for i, task in enumerate(tasks):
        status = "[x]" if task["completed"] else "[ ]"
        print(f"{i + 1}. {status} {task['task']}")

def mark_task_completed(tasks):
    view_tasks(tasks)
    try:
        task_index = int(input("Enter the task number to mark as completed: ")) - 1
        if 0 <= task_index < len(tasks):
            tasks[task_index]["completed"] = True
            print("Task marked as completed.")
        else:
            print("Invalid task number.")
    except ValueError:
        print("Invalid input. Please enter a number.")


def mark_task_uncompleted(tasks):
    view_tasks(tasks)
    try:
        task_index = int(input("Enter the task number to mark as uncompleted: ")) - 1
        if 0 <= task_index < len(tasks):
            tasks[task_index]["completed"] = False
            print("Task marked as uncompleted.")
        else:
            print("Invalid task number.")
    except ValueError:
        print("Invalid input. Please enter a number.")


def main():
    tasks = []
    while True:
        print("\nOptions:")
        print("1. Add task")
        print("2. View tasks")
        print("3. Mark task as completed")
        print("4. Mark task as uncompleted")
        print("5. Exit")

        choice = input("Enter your choice: ")

        if choice == "1":
            add_task(tasks)
        elif choice == "2":
            view_tasks(tasks)
        elif choice == "3":
            mark_task_completed(tasks)
        elif choice == "4":
            mark_task_uncompleted(tasks)
        elif choice == "5":
            print("Exiting...")
            break
        else:
            print("Invalid choice. Please try again.")

if __name__ == "__main__":
    main()
```

```
Options:
1. Add task
2. View tasks
3. Mark task as completed
4. Mark task as uncompleted
5. Exit
Enter your choice: 2
No tasks in the list.

Options:
1. Add task
2. View tasks
3. Mark task as completed
4. Mark task as uncompleted
5. Exit
Enter your choice: 1
Enter the task: "sleeping"
Task added successfully!

Options:
1. Add task
2. View tasks
3. Mark task as completed
4. Mark task as uncompleted
5. Exit
Enter your choice: 2
1. [ ] "sleeping"

Options:
1. Add task
2. View tasks
3. Mark task as completed
4. Mark task as uncompleted
5. Exit
Enter your choice: 1
Enter the task: "exercise"
Task added successfully!

Options:
1. Add task
2. View tasks
3. Mark task as completed
4. Mark task as uncompleted
5. Exit
Enter your choice: 2
1. [ ] "sleeping"
2. [ ] "exercise"

Options:
1. Add task
2. View tasks
3. Mark task as completed
4. Mark task as uncompleted
5. Exit
Enter your choice: 3
1. [ ] "sleeping"
2. [ ] "exercise"
```