TO-DO LIST APPLICATION - PROJECT OVERVIEW

OBJECTIVE:

To build a simple yet functional To-Do List app where users can:

- Add tasks

- View tasks

- Mark tasks as complete

- Delete tasks

- (Optional) Save tasks to a file or database

OPTION 1: Command-Line Based To-Do App

Technologies:

- Python 3

- File Handling (.txt or .json) or SQLite (optional)

- Libraries: datetime, json

Sample Code:

(See full code in original chat. Replace this line with actual code if desired.)

OPTION 2: GUI-Based Version (Optional)

Technologies:

- Python 3

- Tkinter (built-in GUI library)

- JSON or SQLite for saving tasks

Features:

- GUI for adding, deleting, marking tasks

- Scrollable task list

- Persistent storage

Learning Outcomes:

- Python basics (loops, conditions, functions)

- File handling

- JSON serialization

- User interaction handling

- (Optional GUI) Tkinter layout and event-driven programming

Want More?

Let me know if you'd like:

- Task deadlines/reminders

- Priority system (High, Medium, Low)

- Export to .csv or .txt

- Multi-user support (with login)

- GUI with themes or dark mode