

Task 2 : Create a To-Do List Application (Console-based)

- **Objective:** Implement a simple to-do list manager.
- **Tools :**Python, VS Code / terminal.
- **Deliverables:** Python file (todo.py).

Hints/Mini Guide:

1. Use lists to store tasks
2. Implement add/remove/view functionality
3. Store tasks in a text file using open()

Outcome: Persistent CLI to-do app

Interview Questions:

1. How do you open and write to a file in Python?
2. What are common file modes?
3. What's the use of .strip()?
4. How do lists work in Python?
5. What is the difference between append() and insert()?
6. How can you remove elements from a list?
7. What are context managers (with statement)?
8. How do you loop through a file line by line?
9. What is a data structure?
10. What happens if the file doesn't exist?

Key Concepts: File Handling, Lists, String Manipulation

Submit Here:

After completing the task, paste your GitHub repo link and submit it using the link below:

-  [[Submission Link](#)].

📌 Task Submission Guidelines

- 🕒 **Time Window:**

You can complete the task anytime between 10:00 AM to 10:00 PM on the given day. Submission link closes at 10 :00 PM

- 🔍 **Self-Research Allowed:**

You are free to explore, Google, or refer to tutorials to understand concepts and complete the task effectively.

- 🔧 **Debug Yourself:**

Try to resolve all errors by yourself. This helps you learn problem-solving and ensures you don't face the same issues in future tasks.

- 💰 **No Paid Tools:**

If the task involves any paid software/tools, do not purchase anything. Just learn the process or find free alternatives.

- 📁 **GitHub Submission:**

Create a new GitHub repository for each task.

Add everything you used for the task — code, datasets, screenshots (if any), and a **short README.md** explaining what you did.

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Best
of
Luck

