Task 1 :Build a Calculator CLI App.

- **Objective**: **Create a command-line calculator supporting basic operations.**
- **Tools**: **Python, VS Code / any text editor, terminal.**
- **Deliverables**: **A Python script (calculator.py).**

Hints/Mini Guide:

1. Use functions for each operation (+, -, *, /)
2. Take user input using input()
3. Loop until user chooses to exit

Outcome: A well-structured schema.

Interview Questions:

1. What is normalization?
2. Explain primary vs foreign key.
3. What are constraints?
4. What is a surrogate key?
5. How do you avoid data redundancy?
6. What is ER diagram?
7. What are the types of relationships in DBMS?
8. Explain the purpose of AUTO_INCREMENT.
9. What is the default storage engine in MySQL?
10. What is a composite key?

Key Concepts: **Functions, Loops, Conditionals, CLI Interaction.**

📤 **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.

📤 **Submit Here:**

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

- 👉 [Submission Link]

⭐⭐⭐⭐⭐