Task 7:Creating Views

- **Objective: Learn to create and use views**
- **Tools :DB Browser for SQLite / MySQL Workbench**
- **Deliverables: View definitions and usage examples**

Hints/Mini Guide:

1. Use CREATE VIEW with complex SELECT
2. Use views for abstraction and security

- **Outcome:** Understand reusable SQL logic

Interview Questions:

1. What is a view?
2. Can we update data through a view?
3. What is a materialized view?
4. Difference between view and table?
5. How to drop a view?
6. Why use views?
7. Can we create indexed views?
8. How to secure data using views?
9. What are limitations of views?
10. How does WITH CHECK OPTION work?

Key Concepts: **Views, Data Abstraction**

📤 **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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