

## Task 3: Writing Basic SELECT Queries

- **Objective:** Extract data from one or more tables.
- **Tools :** DB Browser for SQLite / MySQL Workbench
- **Deliverables:** SQL script with SELECT, WHERE, ORDER BY, LIMIT

### Hints/Mini Guide:

1. Use SELECT \* and specific columns
2. Apply WHERE, AND, OR, LIKE, BETWEEN
3. Sort with ORDER BY

**Outcome:** Clear understanding of how to retrieve data

### Interview Questions:

1. What does SELECT \* do?
2. How do you filter rows?
3. What is LIKE '%value%'?
4. What is BETWEEN used for?
5. How do you limit output rows?
6. Difference between = and IN
7. How to sort in descending order?
8. What is aliasing?
9. Explain DISTINCT.
10. What is the default sort order?

### Key Concepts: Filtering, Projection

#### 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:**

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- 👉 [\[Submission Link\]](#).

Best  
of  
Luck

