* **---------------------------MYSQL Activity---------------------------------**
* What is MySQL? What are its key features and uses?
* What are the differences between MySQL and other databases like PostgreSQL or Oracle?
* Define a **database** and a **table**. Explain how tables are structured (rows and columns).
* What is the difference between a **table** and a **view** in MySQL?

**SQL Queries (with Examples)**

* **CREATE**: How to create a new database and table. Provide syntax and examples.
* **INSERT**: How to insert data into a table. Provide examples of inserting multiple rows.
* **SELECT**: How to retrieve data from one or more tables. Include examples using filtering (WHERE clause) and sorting (ORDER BY clause).
* **UPDATE** and **DELETE**: Provide examples of updating and deleting data from tables.
* What is a **JOIN**? Why is it important in relational databases?
* Explore **INNER JOIN**, **LEFT JOIN**, **RIGHT JOIN**, and **FULL JOIN**. Provide examples for each.

**7.**

* What is **normalization**? Why is it important for database design?
* Briefly explain **1NF**, **2NF**, and **3NF** with examples.