Day – 5 : Deleting rows and columns from Table

## Deleting Rows and column

DELETE FROM employee2 WHERE employee\_id=105;

ALTER TABLE employee2 DROP COLUMN salary;

DROP TABLE IF EXISTS employee2;

DROP DATABASE IF EXISTS company2

### Explanation

### **🔹 1. DELETE FROM employee2 WHERE employee\_id=105;**

**Explanation:**

* This statement **deletes a specific row** from the employee2 table.
* Only the record where employee\_id = 105 will be deleted.
* The table employee2 remains intact, and only the matching data row is removed.

### **🔹 2. ALTER TABLE employee2 DROP COLUMN salary;**

**Explanation:**

* This command **modifies the structure** of the employee2 table.
* It drops (removes) the salary column completely from the table.
* All the data in that column for every row will be lost permanently.

### **🔹 3. DROP TABLE IF EXISTS employee2;**

**Explanation:**

* This statement **deletes the entire table** named employee2 from the database **if it exists**.
* All data and the table structure are removed.
* Using IF EXISTS avoids an error if the table does not exist.

### **🔹 4. DROP DATABASE IF EXISTS company2;**

**Explanation:**

* This command **deletes the entire database** named company2 if it exists.
* All tables, data, views, and other objects inside the database will be permanently deleted.
* IF EXISTS prevents an error if the database doesn’t exist.