SQL Questions (DDL + DML)

Part A: DDL (Structure / Table Creation)

1. Create a database named `CollegeDB`.

2. Select / use the database `CollegeDB`.

3. Create a table `Student` with following columns:

   - `RollNo` INT
   - `Name` VARCHAR(50)
   - `Dept` VARCHAR(20)
   - `Age` INT
   - `Phone` VARCHAR(15)

4. Create a table `Course` with columns:

   - `CourseID` INT
   - `CourseName` VARCHAR(50)
   - `Credits` INT

5. Add a new column `City` in table `Student`.

6. Add a new column `Semester` in table `Student`.

7. Rename column Phone to `MobileNo` in table `Student`. *(if supported in your DB)*

8. Delete (drop) the table `Course`.

Part B: DML (Insert / Update / Delete / View Data)

9. Insert **5 student records** into `Student`.

10. Display all records from `Student`.

11. Display only `RollNo` and `Name` from `Student`.

12. Display all students from department `"CSE"`.

13. Display all students whose age is greater than 20.

14. Update the department of RollNo = 101 to `"ECE"`.

15. Update the city of student `"Rahul"` to `"Patna"`.

16. Increase age of all students by 1 year.

17. Delete record of student whose RollNo = 105.

18. Delete all records from `Student` (table should remain).