

# 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).