**Aggregate Functions:**

1. Find the average CGPA of all students.

2. Find the total number of students in the Stud table.

3. Find the maximum CGPA among all students.

4. Find the minimum CGPA among male students.

5. Find the total number of courses offered by the institute.

6. Find the sum of credits for all courses.

7. Find the number of distinct students who have registered for at least one course.

8. Find the average credits of all courses in the Course table.

9. Find the total number of course registrations (count all rows in Reg).

10. Find the number of students whose CGPA is greater than 8.0.

**Aggregate Functions & Group By:**

1. Find the average CGPA of students department-wise.

2. Count the number of students in each semester.

3. Find the maximum CGPA in each department.

4. Find the minimum CGPA of students semester-wise.

5. Find the number of courses offered by each department.

6. Find the average credits of courses in each department.

7. Find the number of students registered for each course.

8. Find the total credits registered by students course-wise.

9. Find the average CGPA of male and female students separately.

10. Find the number of students in each department whose CGPA is greater than 8.0.