**University Table**

1. List all universities.
2. Find universities established after 2000.
3. Retrieve universities with ranking less than 50.
4. Show the names and locations of all universities.
5. Count the total number of universities.

**College Table**

1. List all colleges in a particular university.
2. Count the number of colleges in each university.
3. Find colleges whose name contains “Engineering.”
4. Retrieve the name and university of each college.
5. List colleges established in a specific year (if column exists).

**Department Table**

1. List all departments in a specific college.
2. Count the number of departments in each college.
3. Find departments with more than 5 instructors.
4. Retrieve department names along with the college they belong to.
5. List departments starting with the letter “C.”

**Course Table**

1. List all courses offered by a particular department.
2. Find courses with credit hours greater than 3.
3. Show courses with no prerequisites.
4. Retrieve course names and their departments.
5. List courses offered in a particular semester (if column exists).

**Instructor Table**

1. List all instructors in a department.
2. Count the number of instructors in each department.
3. Find instructors hired after 2020.
4. Retrieve instructor names and their titles.
5. List instructors belonging to a specific department.

**Section Table**

1. List all sections of a specific course in a semester.
2. Count the number of students enrolled in each section.
3. Find sections scheduled in a particular classroom.
4. Retrieve section schedules along with instructor names.
5. List sections for a particular year.

**Student Table**

1. List all students in a particular department.
2. Find students enrolled in more than 3 courses.
3. Retrieve student names along with their major/department.
4. List students who do not have an assigned advisor.
5. Count the number of students per year (Freshman, Sophomore, etc.).

**Enrollment Table**

1. List all courses a specific student is enrolled in.
2. Count the number of students in each course.
3. Find students enrolled in a particular course.
4. Retrieve courses with no enrolled students.
5. List students along with the sections they are enrolled in.