SQL questions:

1. Get the student numbers and names of students who have never taken a course with an instructor named 'King'.
2. Get the student numbers and names of students who have only taken classes with an instructor named 'King'.
3. Get the department names and the number of students majoring in that department, sorted in decreasing order of the number of students.
4. Retrieve names of instructors teaching computer science courses, the courses they are teaching and the number of students enrolled in each course.
5. Get student numbers, names and majors of students who do not have an ‘A’ in any course they are enrolled in.
6. Get student numbers and names of straight-A students (students who have an ‘A’ in all the courses they are enrolled in).
7. Get the names of the oldest students in the university.

Relational Algebra questions:

1. Get the names of all students who take CS348.
2. Get the names and departments of all students not taking any classes.
3. Get the names of students who either do not have any A’s in the classes they are taking, or are straight-A students.