Basic SQL

1. Find the ID, names of all the instructors from departments whose name contain character '门'

2. Find the id, names and credits of courses which have 3 credits opened by '内功学院' department or by '拳脚学院' department

3. For the student with ID 12345 (or any other value), show all course_id and title of all courses registered for by the student.

4. As above, but show the total number of credits for such courses (taken by that student). Don't display the tot_creds value from the student table, you should use SQL aggregation on courses taken by the student.

5. As above, but display the total credits for each of the students, along with the ID of the student; don't bother about the name of the student. (Don't bother about students who have not registered for any course, they can be omitted)

6. Find lowest grades for each of courses, along with the course_id and title of the course, registered by the students of 内功学院, the   result should be sorted   from A to Z according to the lowest grades.

7. Find the names of all students who have taken any 内功学院 course ever (there should be no duplicate names)

8. Display the IDs and names of all instructors who have never taught a course (Note: interpret "taught" as "taught or is scheduled to teach")

9. Find the id and names of the students who have registered for some courses without evaluated grades.

10. Find the courses which are the Prerequisites of other courses. The result should involve the ids and titles of the prerequisites and the ids and titles of the Subsequence courses (note: the names of columns in result should show the roles of the courses clearly)