

Using the following database schema, write the SQL queries below.

**Database schema:**

Department(deptid, dname, location)

Student(snum, sname, deptid, slevel, age)

Faculty(fid, fname, deptid)

Class(cname, meets\_at, room, fid)

Enrolled(snum, cname, grade)

1. Get student numbers, names and majors of students who do not have any 'A's in any courses.
2. Find the names of (distinct) faculty who teach 2 or more classes in the same room
3. Find the ids (snum) of the students majoring in a department whose faculty do not teach any classes.