

1. get the course name, sections, semester and year for all courses taught by professor 1.
 - a. select cname, secid, cterm, cyear
from course natural join section natural join teaches where teaches.pid = 1
2. Get the name, id, and gpa for all students who took a course with professor 1;
 - a. select sfname, slname, sid, sgpa from student natural join takes natural join teaches where pid = 1
 - b. select sfname || ' ' || slname as Name, sid as Id, sgpa as GPA
from student natural join takes natural join teaches where pid = 1
 - c. select sfname || ' ' || slname as Name, sid as Id, sgpa as GPA from
(student natural join takes natural join teaches) AS T where T.pid = 1
3. Find all the information for all courses with MATE codification
 - a. select *
 - b. from course
 - c. where ccode like 'MATE%'
4. Get the name, id, and gpa for all students ordered by gpa
 - a. select sfname || ' ' || slname as Name, sid as Id, sgpa as GPA
from student order by sgpa desc
5. Get the gpas recorded in the system
 - a. select sgpa as gpa
from student
6. Get the unique gpas recorded in the system
 - a. select distinct sgpa as gpa
from student
7. Get the average gpa for all students;
 - a. select avg(sgpa) as Avg_GPA
from student
8. Get the average gpa for all students from SF;
 - a. select avg(sgpa) as Avg_GPA
 - b. from student
 - c. where scity = 'SF'
9. Get the average. Min, and max gpa for all students from SF;
 - a. select avg(sgpa) as Avg_GPA, min(sgpa) as min_gpa, max(sgpa) as max_gpa from student
 - b. where scity = 'SF'
10. Get the average. Min, and max gpa for all students in each city
 - a. select scity as city, avg(sgpa) as Avg_GPA, min(sgpa) as min_gpa, max(sgpa) as max_gpa from student group by scity
- 11.