**Ayushman Pranav E21CSEU0245**

1. **Find the details of all the instructors with no experience.**

select \* from instructors

where instructor\_id= any

(select instructor\_id from experience where experience=0);

1. **Find out the name of students who are taught by the instructors having experience more than 3 years.**

Select S\_Name from Students where Instructor\_id = any(select Instructor\_id from Experience where Experience>3);

1. **Display the name of instructor with maximum experience.**

select \* from instructors

where instructor\_id= any

(select instructor\_id from experience where experience=(SELECT MAX(experience )FROM Experience));

1. **Find the name of students who are either studying Java, DBMS or OS.**

select \* from students

where instructor\_id =any

(select instructor\_id from courses where course\_title="Java" or course\_title = "DBMS" or course\_title = "OS");

1. **How many instructors are teaching no students?**

select count(Instructor\_id) from instructors where Instructor\_id not in (select Instructor\_id from students);

1. **Update the age of all the students by 1 are in semester 3.**

update students set Age=Age+1 where Semester=3;

1. **Find the name of all the instructor whose experience is greater than the experience of instructor\_id 105.**

select Instructor\_name from instructors where Instructor\_id in

(select Instructor\_id from experience where Experience>(select Experience from

experience where Instructor\_id=105));

1. **Find the average age of students in each semester. Round off the average values.**

select Semester, round(avg(Age),0) from students group by Semester order by Semester;