Week2 assignment

Data base 1 ( univ)

Q1) SELECT name FROM student

UNION

SELECT name FROM instructor;

Q2) select course\_id,title,i.id from course c join instructor i on c.dept\_name=i.dept\_name;

Q3) select id ,name,salary from instructor where salary < 75000;

Q4) select dept\_name ,count(name) from instructor group by dept\_name;

Q5) select title,course.course\_id,prereq\_id from course inner join prereq on course.course\_id=prereq.course\_id;

Q6) select i.name from instructor i inner join department d on i.dept\_name=d.dept\_name WHERE i.salary > 0.1\*d.budget;

Q7) select distinct d1.dept\_name from department d1 join department d2 on d1.building= d2.building and d1.dept\_name <> d2.dept\_name;

Q8) SELECT dept\_name, COUNT(\*) \* 500 AS total\_income

FROM student

GROUP BY dept\_name;

Q9) select id from instructor where id not in ( select id from teaches);

Q11) SELECT id, name

FROM student

WHERE credits > 30;

Q12) SELECT i.ID, i.name, i.dept\_name, d.building

FROM instructor i

JOIN department d ON i.dept\_name = d.dept\_name;