update instructor

set salary =

case

when salary > 100000

then salary \* 1.05

when salary < 80000

then salary \* 1.07

else salary \* 1.06 end;

select \* from instructor where name like 'E%';

select \* from instructor where name like '%E%';

select \* from instructor where name like 'E\_\_\_\_\_\_\_';

select \* from instructor where name similar to 'E[a-Z]\*';

select \* from instructor where name similar to 'E[A-z\s]\*';

select name || ', ' || dept\_name from instructor;

select concat(name, ', ', dept\_name)

from instructor;

select substring(name from 2 for 2) from instructor;

select \* from instructor where salary > 100000 or salary <= 100000;

select \* from instructor, department;

select \* from instructor, department

where instructor.dept\_name = department.dept\_name;

select \* from instructor i, department d

where i.dept\_name = d.dept\_name;

select \* from instructor natural join department;

select \* from instructor natural join advisor;

select \* from instructor join advisor on (i\_id = id);

select \* from instructor, advisor where (i\_id = id);

select \* from department;

select building from department where dept\_name = 'Biology' or dept\_name = 'Physics';

select building from department where dept\_name = 'Biology' union select building from department where dept\_name = 'Physics';

select building from department where dept\_name = 'Biology' union all select building from department where dept\_name = 'Physics';

select distinct(building) from department where dept\_name = 'Biology' or dept\_name = 'Physics';

select dept\_name from department where budget > 100000 union select dept\_name from instructor where salary > 80000;

select dept\_name from department where budget > 100000 intersect select dept\_name from instructor where salary > 80000;

select dept\_name from department where budget > 100000 except select dept\_name from instructor where salary > 80000;

select dept\_name from instructor where salary > 80000 except select dept\_name from department where budget > 100000;

select avg(budget) from department;

select max(budget) from department;

select min(budget) from department;

select count(budget) from department;

select count(building) from department;

select count(distinct building) from department;

select count(\*) from department;

select count(distinct \*) from department;

select max(salary) from department natural join instructor where building = 'Taylor';

select name from instructor where salary = (select max(salary) from department natural join instructor where building = 'Watson');