```sql
use college;
create table department(dept_id varchar(10) primary key,dept_name varchar(30));
create table staff(staff_id varchar(20) primary key,sname varchar(20),designation
varchar(20),qualification varchar(30),type_of_appointment varchar(20),dept_id
varchar(10),salary varchar(10),foreign key(dept_id) references department(dept_id));
insert into department values(5,"Computer Application");
insert into department values(1,"CSE");
insert into department values(2,"Civil Engineering");
insert into department values(3,"Mechanical");
insert into department values(4,"Electrical and Electronics");

insert into staff values(1001,"Reena","Professor","PhD","Regular",5,200000);
insert into staff values(2022,"Virat","Asst. Professor","PhD","Regular",2,150000);
insert into staff values(3123,"Devika","Lecturer","MCA","Contract",5,70000);
insert into staff values(3341,"Prem","Lecturer","MTech","Contract",3,72000);
insert into staff values(1502,"Ashwin","Assoc. Professor","PhD","Regular",5,175000);
insert into staff values(4815,"Reshma","Lecturer","MTech","Contract",4,67000);
select * from staff;
select * from department;

select department.dept_name ,count(staff.dept_id) as no_of_faculties
from staff, department
where staff.dept_id=department.dept_id and type_of_appointment = "Contract" group by
staff.dept_id;


select department.dept_name,max(staff.dept_id) as no_of_doctorate from staff,department
where staff.dept_id=department.dept_id and staff.qualification="PhD";


select department.dept_name,avg(staff.salary) as average from department,staff where
staff.dept_id=department.dept_id and type_of_appointment="Contract" group by
department.dept_name order by department.dept_name;

select staff.sname,department.dept_name,max(staff.salary) as maximum_salary from
department,staff where staff.dept_id=department.dept_id and
type_of_appointment="Contract" group by department.dept_name;

select sum(staff.salary) as total_salary from department,staff where
staff.dept_id=department.dept_id and dept_name="Computer Application";
```