create database akshata

use akshata

create table dept(deptno varchar(20) primary key,dname varchar(20),location varchar(20))

create table salgrade(grade varchar(20) primary key,minsal numeric,maxsal numeric);

create table emp(empno varchar(20) primary key,ename varchar(20),address varchar(20),city varchar(20),zip varchar(20),email varchar(20),hiredate varchar(20),sal numeric,comm numeric,job varchar(20),

mgr varchar(20),foreign key (mgr) references salgrade(grade),

deptno varchar(20), foreign key (deptno) references dept(deptno))

CREATE table dependents(D\_name varchar(20),d\_relationship varchar(20),emp\_no varchar(20),

foreign key(emp\_no) references emp(empno));

insert into dept values('10','account','pune');

insert into dept values('20','marketing','MUMBAI');

insert into dept values('30','finance','nashik');

insert into dept values('40','IT','aurangabad');

insert into dept values('50','HR','latur');

insert into salgrade values('A',50000,70000);

insert into salgrade values('B',40000,60000);

insert into salgrade values('C',30000,50000);

insert into salgrade values('D',20000,40000);

insert into salgrade values('E',10000,30000);

insert into emp values('1','Gupta','shiv colony','aurangabad','367890','sneha@gmail','01/01/2016',50000,null,'account manager','A','10');

insert into emp values('2','vishal','shiv colony','aurangabad','367890','sneha@gmail','07/01/2018',70000,null,'software developer','A','40');

insert into emp values('3','sunil','shiv colony','aurangabad','367890','sneha@gmail','09/01/2018',45000,null,'tester','B','40');

insert into emp values('4','preeti','shiv colony','aurangabad','367890','sneha@gmail','10/01/2018',45500,null,'marketing manager','B','20');

insert into emp values('5','poonam','shiv colony','aurangabad','367890','sneha@gmail','11/02/2017',10000,null,'SALES manager','E','20');

insert into emp values('6','mona','shiv colony','aurangabad','367890','sneha@gmail','15/03/2018',25000,null,'FINANCE manager','D','30');

insert into emp values('7','mitra','shiv colony','aurangabad','367890','sneha@gmail','25/02/2015',30000,null,'account ASSISTANT','C','10');

insert into emp values('8','ayesha','shiv colony','aurangabad','367890','sneha@gmail','13/03/2018',55000,null,'FINANCE ASSISTANT','A','30');

insert into emp values('9','JAYSHREE','shiv colony','aurangabad','367890','sneha@gmail','01/01/2018',50000,null,'prod manager','A','50');

insert into emp values('10','sneha','shiv colony','aurangabad','367890','sneha@gmail','01/01/2018',50000,null,'supervisor','A','50');

insert into emp values('11','shivani','shiv colony','aurangabad','367890','sneha@gmail','12/01/2018',40000,null,'supervisor','B','50');

select \* from dept;

select \* from emp;

select \* from salgrade;

# question no 1.

select \* from emp where deptno=

(select deptno from dept where dname='account');

#

SELECT JOB FROM emp where deptno in(20,30);

# question 5th

select ename from emp where deptno=

(select deptno from emp where ename='vishal');

select dname from dept where deptno=(select max(sal)from emp order by empno);