create database akshata

use akshata

create table student(s\_id int primary key,s\_name varchar(20))

insert into student values(1,'sneha')

insert into student values(2,'preeti')

insert into student values(3,'mona')

insert into student values(4,'punam');

insert into student values(5,'mitra');

select \* from student;

create table address(street\_name varchar(20),city varchar(20),state varchar(20),zip\_code numeric(6),s\_id int references student(s\_id))

insert into address values('karve nagar','pune','maharashtra',431234,1);

insert into address values('karve nagar','pune','maharashtra',431234,2);

insert into address values('karve nagar','pune','maharashtra',431234,3);

insert into address values('karve nagar','pune','maharashtra',431234,4);

insert into address values('karve nagar','pune','maharashtra',431234,5);

select \* from address

Q.1

use akshata

create table party(Party\_code varchar(5) primary key,Party\_name varchar(20))

insert into party values('1N','BJP')

insert into party values('2N','Congress');

insert into party values('3N','Shivsena');

insert into party values('4N','Manse');

insert into party values('5N','Sapa');

create table politician(P\_no int primary key,P\_name varchar(20),P\_desc varchar(20),constituency int,Party\_code varchar(5) references party(Party\_code))

insert into politician values(1,'Preeti','home-minister',90,'1N')

insert into politician values(2,'Punam','finance-minister',90,'2N');

insert into politician values(3,'mona','educational-minister',90,'3N');

insert into politician values(4,'mitra','HR-minister',90,'4N');

insert into politician values(5,'akshata','chief-minister',90,'5N');

select \* FROM PARTY

select \* FROM POLITICIAN

insert into politician values(6,'akshata','chief-minister',90,'6N');

select \* FROM POLITICIAN

Q.2

CREATE table book(bookname varchar(20) primary key,publisher varchar(20),price numeric(20))

create table member(m\_no varchar(20) primary key,m\_name varchar(20),address varchar(20),city varchar(20),category varchar(20))

//ERROR Start:

create table book\_member(date\_of\_isbooksue varchar(20),date\_of\_return varchar(20),bookname varchar(20),m\_no varchar(20),bookname constraint ab\_cd foreign key (bookname) references book(bookname),m\_no constraint abcd foreign key(m\_no) references member(m\_no)); //error end:

insert into book values('c','tata mc hill',200)

insert into book values('c++','tata mc hill',200);

insert into book values('c#','tata mc hill',200);

insert into book values('JAVA','tata mc hill',200);

insert INTO member values('1A','preeti','karve nagar','pune','xyz');

insert INTO member values('2A','shweta','karve nagar','pune','xyz');

insert INTO member values('3A','sayali','karve nagar','pune','xyz');

insert INTO member values('4A','sakila','karve nagar','pune','xyz');

create table b\_m(doi varchar(20),dor varchar(20),

bookname varchar(20),

m\_no varchar(20),

foreign key(bookname) references book(bookname),

foreign key (m\_no) references member(m\_no))

select \* from book

select \* from member

insert into b\_m values('2/4/12','3/7/13','php','5A')

insert into b\_m values('2/4/12','3/7/13','c','1A');

insert into b\_m values('2/4/12','3/7/13','c++','2A');

insert into b\_m values('2/4/12','3/7/13','c#','3A');

insert into b\_m values('2/4/12','3/7/13','JAVA','4A');

SELECT \* FROM B\_M

Q.3

create table player(p\_no varchar(20) primary key,p\_name varchar(20),club\_name varchar(20))

create table game(g\_no varchar(20) primary key,g\_name varchar(20),no\_of\_player numeric,name\_of\_coach varchar(20),captain\_no numeric)

create table player\_game(p\_no varchar(20),g\_no varchar(20),

foreign key(p\_no) references player(p\_no),

foreign key (g\_no) references game(g\_no))

insert into player values('1B','Ronaldo','xyz');

insert into player values('2B','messi','pqr');

insert into player values('3B','rohit sharma','mi');

insert into player values('4B','dhoni','csk');

insert into game values('1C','football',12,'MSD',4);

insert into game values('2C','hockey',11,'msd',7);

insert into game values('3C','cricket',12,'msd',3);

insert into game values('4C','wresstling',2,'msd',3);

insert into player\_game values('1B','1C');

insert into player\_game values('2B','2C');

insert into player\_game values('3B','3C');

insert into player\_game values('4B','4C');

SELECT \*FROM PLAYER;

SELECT \*FROM game;

SELECT \*FROM player\_game;

Q.4

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('1D','CSE','pune');

insert into salgrade values('A',2000,5000);

insert into emp values('1X','Sneha','shiv colony','aurangabad','367890','sneha@gmail','2/7/18',5000,6,'engineer','A','1D');

INSERT INTO dependents values('9u','manager','1X');

select \* from dept

select \* from salgrade

select \* from emp

select \* from dependents