4. mysql> create database employee\_details;

    mysql> use employee\_details;

   mysql> create table employee(

    -> Person\_name char(30) primary key,

    -> Street char(30) not null,

    -> city char(15) not null);

   mysql> create table Company(

    -> Company\_name varchar(30) Primary key,

    -> City char(15));

   mysql> create table Works(

    -> Person\_name  char(30),

    -> Company\_name varchar(30),

    -> Salary decimal(10,2),

    -> foreign key(Person\_name) references employee(Person\_name),

    -> foreign key(Company\_name) references Company(Company\_name));

   mysql> Create table manages(

    -> Person\_name char(30),

    -> Manager\_name char(30),

    -> foreign key(Person\_name) references employee(Person\_name));

mysql> insert into employee values("Riya","23/34 B block","Delhi");

mysql> insert into employee values("Hansika","454/4 V block","Gurgaon");

mysql> insert into employee values("Aryaa","65/6 A block","Gurgaon");

mysql> insert into employee values("Khushi","87/2 D block","Lucknow");

mysql> insert into employee values("Rupesh","74/2 F block","Gaziabad");

mysql> insert into employee values(“Raghav","54/2 G block","Noida");

mysql> insert into employee values("Rishabh","347-5 A block","Noida");

mysql> insert into employee values("Kartik","65/8 V block","Gurgaon");

mysql> insert into employee values("Nikhil","62/7 d block","Sitapur");

mysql> insert into employee values("Neha","91/8 C block","Gaziabad");

mysql> insert into company values("Samba Bank","Delhi");

mysql> insert into company values("NCB Bank","Gurgaon");

mysql> insert into company values("Axis Bank","Noida");

mysql> insert into company values("SBI bank","Lucknow");

mysql> insert into company values("Kotak Bank","Gaziabad");

mysql> insert into works values("Riya","Samba Bank", 20000);

mysql> insert into works values("Hansika","NCB Bank",15000);

mysql> insert into works values("Aryaa","Samba Bank",5000);

mysql> insert into works values("Khushi","SBI Bank",8000);

mysql> insert into works values("Rupesh","Axis Bank",10000);

mysql> insert into works values("Raghav","NCB Bank",20000);

mysql> insert into works values("Rishabh","Kotak Bank",15000);

mysql> insert into works values("Kartik","Axis Bank",20000);

mysql> insert into works values("Nikhil","SBI Bank",12000);

mysql> insert into works values("Neha","Kotak Bank",18000);

mysql> insert into manages values("Riya","Prince Kumar");

mysql> insert into manages values("Hansika","Prince Kumar");

mysql> insert into manages values("Nikhil","Vijay Singh");

mysql> insert into manages values("Neha","Raghuvir Bora");

mysql> insert into manages values("Kartik","Shikha Chandola");

Q (a) Primary Key- Person\_name in table employee

                            Company\_name in table company

        Foreign Key- Person\_name in table works

                            Company\_name in table works

                            Person\_name in table manages

Q (b) mysql> alter table employee add column email varchar(20);

Q (c) mysql> select distinct(manager\_name) from manages as m, works as w where m.person\_name=w.person\_name and (w.company\_name="Samba bank" or w.Company\_name="NCB Bank");

Q (d) mysql> select e.Person\_name, e.Street, e.City, w.salary from employee as e, works as w where e.person\_name=w.person\_name and w.company\_name="Samba Bank" and w.salary>10000;

Q (e) mysql> select e.person\_name from employee as e, works as w, company as c where e.person\_name=w.person\_name and e.city=c.city and w.company\_name=c.company\_name;

Q (f) mysql> select company\_name, max(salary), min(salary), avg(salary) from works group by company\_name;

Q (g) mysql> select company\_name, sum(salary), count(company\_name) as "number of employees" from works group by company\_name;

Q (h) mysql> select company\_name,max(salary) from works;