Ques 4.
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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));
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mysql> insert into employee values("Vinay","23/34 B block","Gorakhpur");
mysql> insert into employee values("Gaurav","454/4 V block","Lucknow");
mysql> insert into employee values("Rahul","65/6 A block","Delhi");
mysql> insert into employee values("Jatin","87/2 D block","Noida");
mysql> insert into employee values("Garima","74/2 F block","Banglore");
mysql> insert into employee values("Suresh","54/2 G block","Lucknow");
mysql> insert into employee values("Kapil","347-5 A block","Noida");
mysql> insert into employee values("Pawan","65/8 V block","Gorakhpur");
mysql> insert into employee values("Nikhil","62/7 d block","Delhi");
mysql> insert into employee values("Nupur","91/8 C block","Banglore");

mysql> insert into company values("Samba Bank","Delhi");
mysql> insert into company values("NCB Bank","Gorakhpur");
mysql> insert into company values("Axis Bank","Noida");
mysql> insert into company values("SBI bank","Lucknow");
mysql> insert into company values("Kotak Bank","Banglore");

mysql> insert into works values("Vinay","Samba Bank", 20000);
mysql> insert into works values("Gaurav","NCB Bank",15000);
mysql> insert into works values("Rahul","Samba Bank",5000);
mysql> insert into works values("Jatin","SBI Bank",8000);
mysql> insert into works values("Garima","Axis Bank",10000);
mysql> insert into works values("Suresh","NCB Bank",20000);
mysql> insert into works values("Kapil","Kotak Bank",15000);
mysql> insert into works values("Pawan","Axis Bank",20000);
mysql> insert into works values("Nikhil","SBI Bank",12000);
mysql> insert into works values("Nupur","Kotak Bank",18000);
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(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

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

(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");

(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;

(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;

(f) mysql> select company_name, max(salary), min(salary), avg(salary) from works group by company_name;

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

(h) mysql> select company_name,max(salary) from works;