ASSIGNMENT- 7 (DBMS LAB)

* **PROBLEM -** Create a table named employee, works , company, manages as the following:
* **PROGRAM -**

create table employee\_91(emp\_id int primary key, emp\_name varchar(30), street varchar(30), city varchar(30));

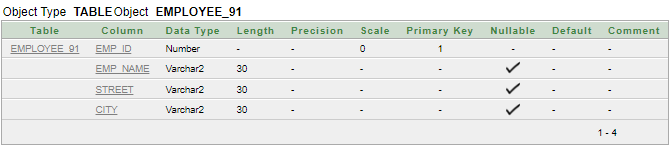
create table works\_91(emp\_id int primary key, emp\_name varchar2(30), company\_name varchar2(30), salary varchar2(30));

create table company\_91(emp\_id int primary key, emp\_name varchar2(30), company\_name

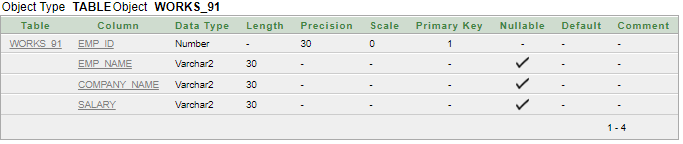
varchar2(30), city varchar2(30));

create table manages\_91(emp\_id int primary key, emp\_name varchar2(30), manegers\_name varchar2(30));

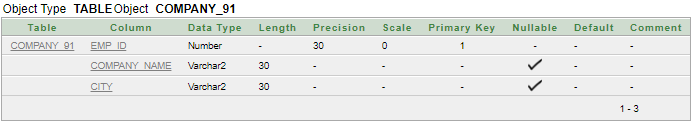
* **OUTPUT :** Table created.
* **PROGRAM:** describe employee\_91;
* **OUTPUT :**



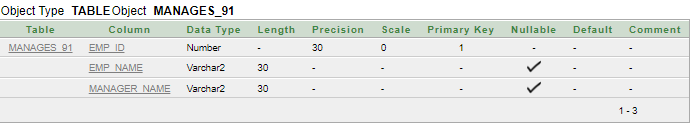
describe works\_91;



describe company\_91;



describe manages\_91;



* **PROGRAM:-**

Begin

insert into employee\_91 values(1,'SUUMAN DHARA','NH12','HOWRHA');

insert into employee\_91 values(2, 'MD HUMAYUN KABIR','NH12','kolkata'); insert into employee\_91 values(3, 'PRABIN','NH23','barasat');

insert into employee\_91 values(4, 'MD AZAD','NH12','kolkata');

insert into employee\_91 values(5, 'Tanya RAJ','NH3','HOWRHA');

insert into employee\_91 values(6, 'RAJASHRI MONDAL','NH1','kazipara');

insert into employee\_91 values(7,'NIKITA','NH12','kolkata');

insert into employee\_91 values(8, 'KK RAJ','NH120','jalpaiguri');

insert into employee\_91 values(9, 'SUMIT RAJ','NH12','kolkata');

insert into employee\_91 values(10, 'VIKRAM','NH23','dumdum');

insert into employee\_91 values(11, 'POOJA','NH12','kolkata');

insert into employee\_91 values(12, 'MOHIT','NH15','sealdah');

insert into employee\_91 values(13, 'LOVE YOU','NH22','barakpur');

insert into employee\_91 values(14, 'UNDERTAKER','NH12','kolkata');

insert into employee\_91 values(15, 'STEVEN','NH22','murshidabad');

insert into employee\_91 values(16,'CRISTAINO','NH23','madhuabani');

insert into employee\_65 values(17, 'MAMTA DIDI','NH21','patna');

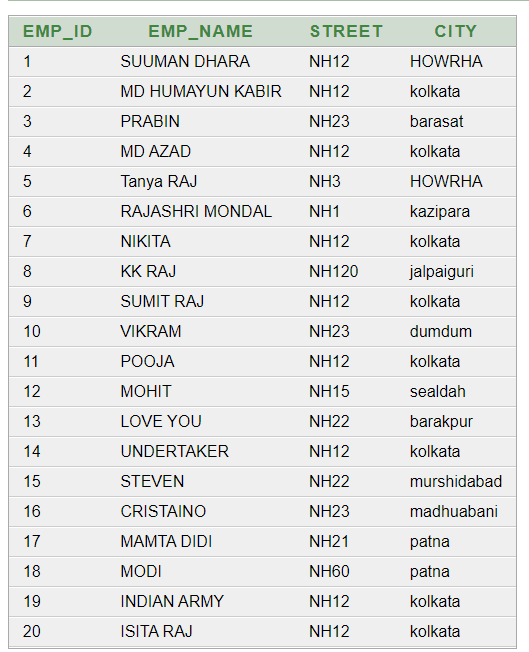
insert into employee\_91 values(18, 'MODI','NH60','patna');

insert into employee\_91 values(19, 'INDIAN ARMY','NH12','kolkata');

insert into employee\_91 values(20, 'ISITA RAJ','NH12','kolkata');

end

SELECT \* FROM EMPLOYEE\_91;



begin

insert into works\_91 values(1, 'SUMAN DHARA','FIRST BANK CORPORATION','18000');

insert into works\_91 values(2, 'MD HUMAYUN KABIR','SMALL BANK CORPORATION','14500');

insert into works\_91 values(3, 'PRABIN','GRAMIN BANK CORPORATION','28000');

insert into works\_91 values(4, 'MD AZAD','FARMER BANK','45000');

insert into works\_91 values(5, 'Tanya RAJ','FIRST BANK CORPORATION','56000');

insert into works\_91 values(6, 'RAJASHRI MONDAL','SMALL BANK CORPORATION','23000');

insert into works\_91 values(7, 'NIKITA','SMALL BANK CORPORATION','45000');

insert into works\_91 values(8, 'KK RAJ','FIRST BANK CORPORATION','21000');

insert into works\_91 values(9, 'SMIT RAJ','SMALL BANK CORPORATION','23900');

insert into works\_91 values(10, 'VIKRAM','FARMER BANK','67000');

insert into works\_91 values(11, 'POOJA','FIRST BANK CORPORATION','23145');

insert into works\_91 values(12, 'MOHIT','SMALL BANK CORPORATION','20000');

insert into works\_91 values(13, 'LOVE YOU','BANK OF WORLD','52000');

insert into works\_91 values(14, 'UNDERTAKER','FIRST BANK CORPORATION','25000');

insert into works\_91 values(15, 'STEVEN','BANK CORPORATION','47000');

insert into works\_91 values(16, 'CRISTAINO','BANK OF WORLD','56000');

insert into works\_91 values(17, 'MAMTA DIDI','FIRST BANK CORPORATION','23000');

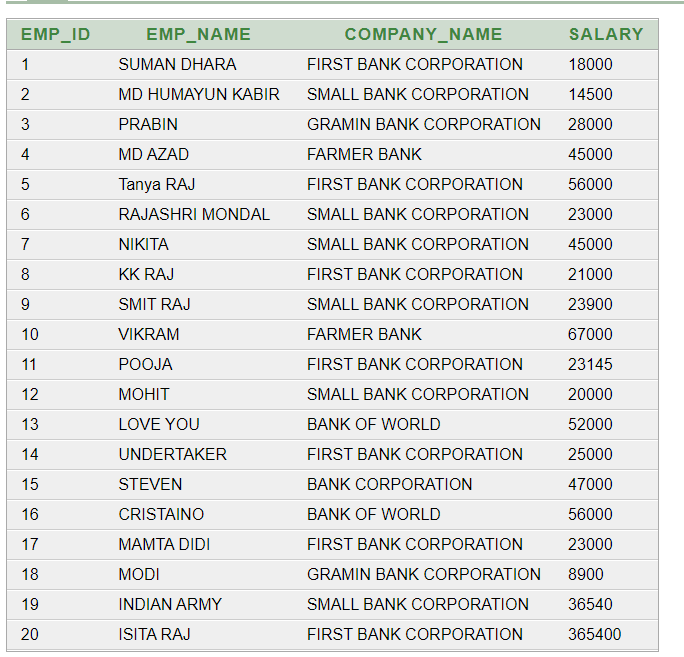
insert into works\_91 values(18, 'MODI','GRAMIN BANK CORPORATION','8900');

insert into works\_91 values(19, 'INDIAN ARMY','SMALL BANK CORPORATION','36540');

insert into works\_91 values(20, 'ISITA RAJ','FIRST BANK CORPORATION','365400');

end

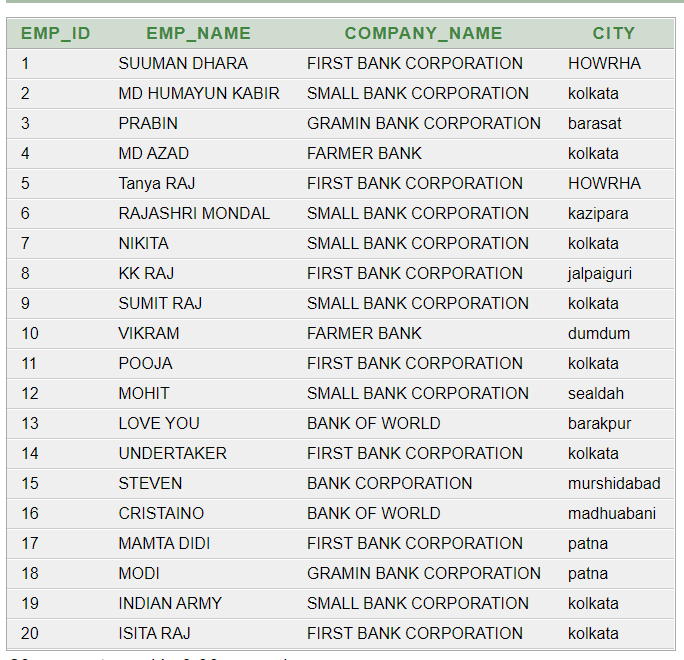
SELECT \* FROM works\_91;



insert into company\_91(emp\_id , emp\_name,city) select emp\_id,emp\_name,city from employee\_91;

update company\_91 set company\_name=(select company\_name from works\_91 where company\_91.emp\_id=works\_91.emp\_id);

select \*from company\_91;



begin insert into manages\_91 values(1, 'SUMAN DHARA','SUMIT RAJ');

insert into manages\_91 values(2, 'MD HUMAYUN KABIR','MD AZAD');

insert into manages\_91 values(3, 'PRABIN','KK RAJ');

insert into manages\_91 values(4, 'MD AZAD','SUMAN DHARA');

insert into manages\_91 values(5, 'Tanya RAJ','SUMIT RAJ');

insert into manages\_91 values(6, 'RAJASHRI MONDAL','NIKITA');

insert into manages\_91 values(7, 'NIKITA','SUMAN DHARA');

insert into manages\_91 values(8, 'KK RAJ','VIKRAM');

insert into manages\_91 values(9, 'SUMAN DHARA','MOHIT');

insert into manages\_91 values(10, 'VIKRAM','UNDERTAKER');

insert into manages\_91 values(11, 'POOJA','SUMIT RAJ');

insert into manages\_91 values(12, 'MOHIT','LOVE YOU');

insert into manages\_91 values(13, 'LOVE YOU','POOJA');

insert into manages\_91 values(14, 'UNDERTAKER','VIKRAM');

insert into manages\_91 values(15, 'STEVEN','MAMTA DIDI');

insert into manages\_91 values(16, 'CRISTAINO','STEVEN');

insert into manages\_91 values(17, 'MAMTA DIDI','ISITA RAJ');

insert into manages\_91 values(18, 'MODI','MAMTA DID');

insert into manages\_91 values(19, 'INDIAN ARMY','MODI');

insert into manages\_91 values(20, 'ISITA RAJ','MAMTA DIDI');

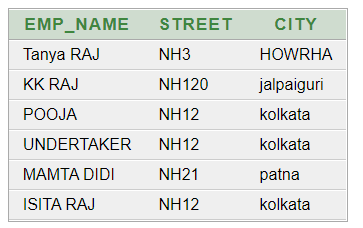
end

Select \*from manages\_91;



Find the names, street add and cities of residence for all employee who work for ‘ FIRST BANK CORPORATION’ and earn more than >10000 –

select employee\_91.emp\_name,employee\_91.street,employee\_91.city from employee\_91 ,works\_91 where employee\_91.emp\_name=works\_91.emp\_name and company\_name='FIRST BANK CORPORATION' and salary >10000 ;



Find the names of all employees in the database who live in the same cities as the companies for which they work—

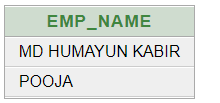
select e.emp\_name from employee\_91 e, works\_91 w, company\_91 c where

e.emp\_name=w.emp\_name and e.city=c.city and w.company\_name =c.company\_name; 

Find the names of all employees in the database who live in the same cities and on the same streets as do their managers –

select p.emp\_name from employee\_91 p, employee\_91 r, manages\_91 m where

p.emp\_name=m.emp\_name and m.manegers\_name=r.emp\_name and p.street=r.street and p.city = r.city;

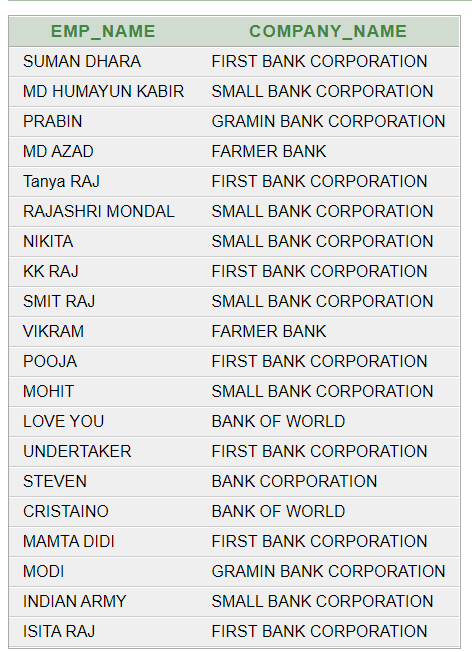


Find the names of all employees in the database who do not work for ‘FIRST BANK CORPORATION’

.Asume that all people wok for exactly one ompany—

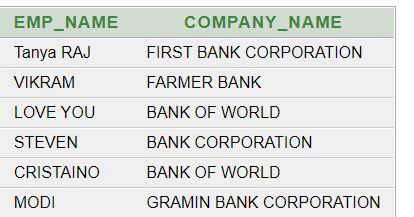
select emp\_name,company\_name from works\_91 where company\_name<>'FIRST

BANK CORPORATION';



Find the names of all employees in the database who earn more than every employee of ‘small bank corporation’, Assume that all people work for at most one company—

select emp\_name ,company\_name from works\_91 where salary > all(select salary from works\_91 where company\_name ='SMALL BANK CORPORATION');



Assume that the companies may be located in several cities. Find all companies located in every cities in which ‘small bank corporation ‘ is located---

select s.company\_name from company\_91 s where not exists

((select city from company\_91 where company\_name='SMALL BANK CORPORATION') except

(select city from company\_91 t where s.company\_name =t.company\_name));

Find the names of all employee who earn more than the average salary of all employees of their.Asume that all people work for at most one company—

select emp\_name from works\_91 t where salary > (select avg(salary) from

works\_91 s where t.company\_name = s.company\_name);



Find the name of the company that has tha smallest payroll—

select company\_name from works\_91 group by company\_name

having sum(SALARY) <= all (select sum(salary) from works\_91 group by company\_name);

