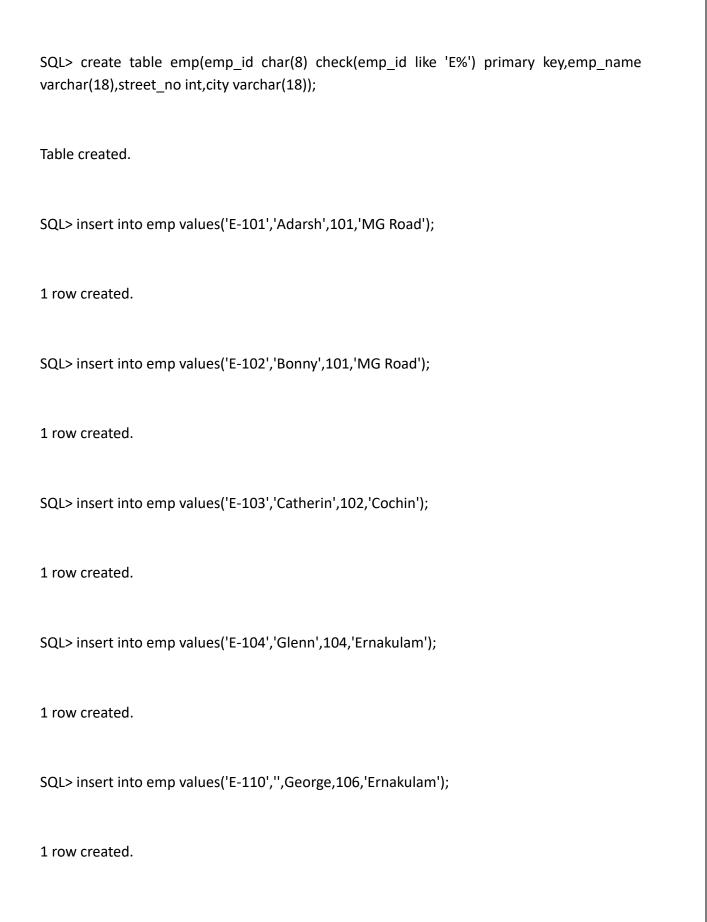
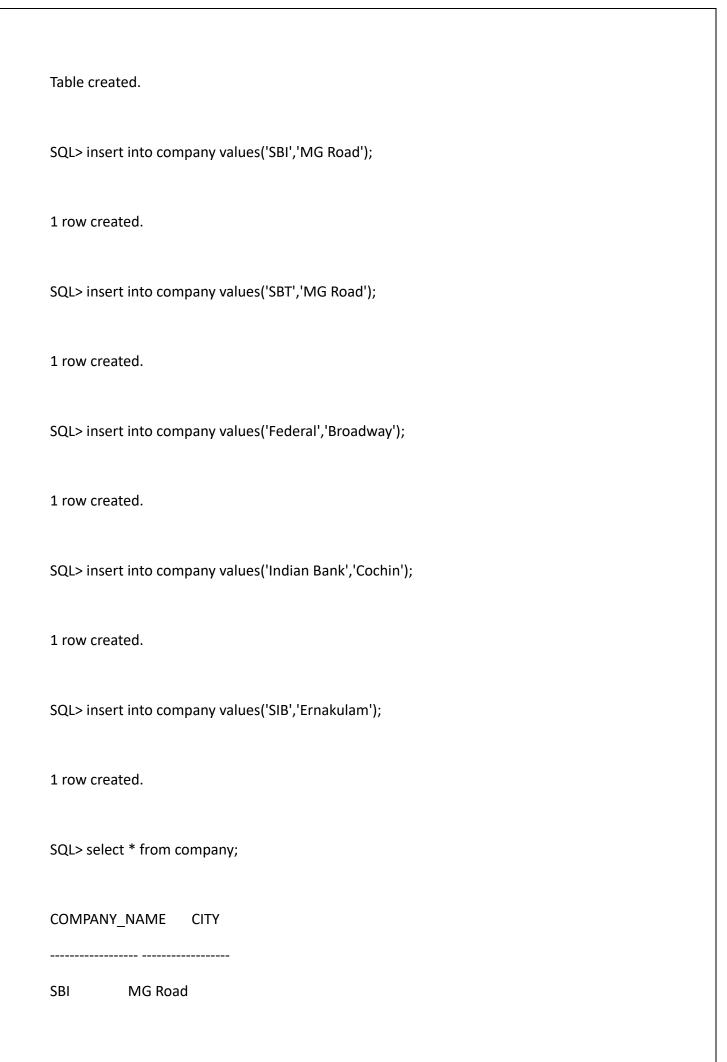
CO1-Exp-2

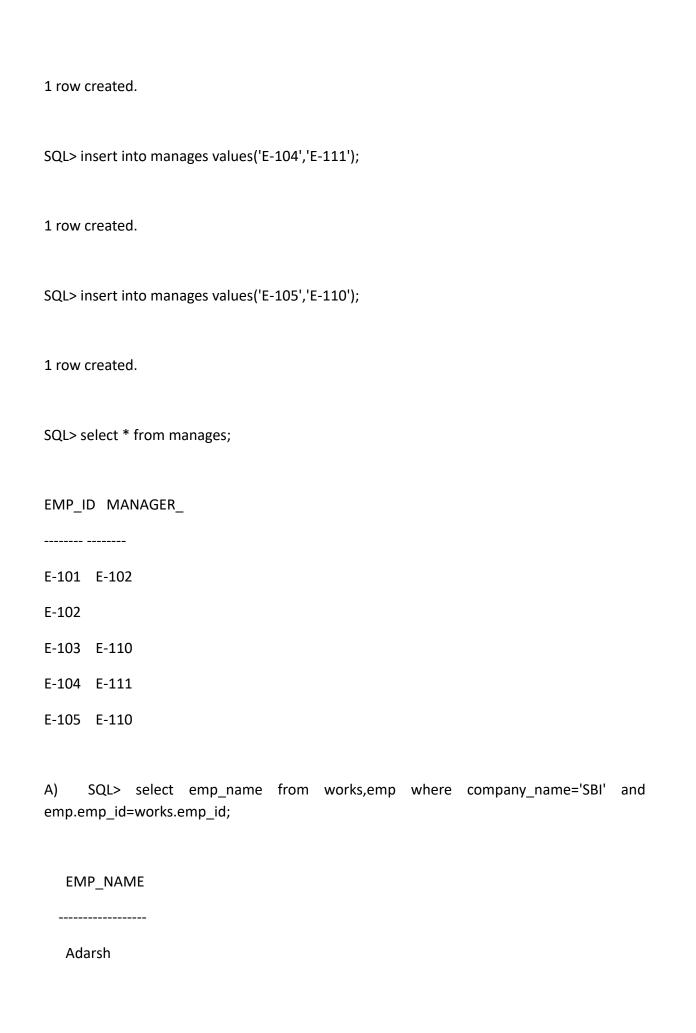


SQL> insert into emp values('E-111','Akshay',107,'Kottayam'); 1 row created. SQL> insert into emp values('E-105','Anu',104,'Kollam'); 1 row created. SQL> select * from emp; EMP_ID EMP_NAME STREET_NO CITY E-101 Adarsh 101 MG Road E-102 Bonny 101 MG Road E-103 Catherin 102 Cochin 104 Ernakulam E-104 Glenn E-110 George 106 Eranakulam E-111 Akshay 107 Kottayam E-105 Anu 104 Kollam 7 rows selected. SQL> create table company(company_name varchar(18) primary key,city varchar(18));



```
SBT
           MG Road
Federal
             Broadway
Indian Bank
               Cochin
SIB
           Ernakulam
SQL> create table works(emp_id char(8) references emp(emp_id),company_name
varchar(18)
                  references
                                   company(company_name),salary
                                                                          float,primary
key(emp_id,company_name));
Table created.
SQL> insert into works values('E-101','SBI',71000);
1 row created.
SQL> insert into works values('E-102','SBI',90000);
1 row created.
SQL> insert into works values('E-103','SBT',40000);
1 row created.
SQL> insert into works values('E-104','Federal',37000);
1 row created.
```

SQL> insert into works values('E-105','SBT',17000)
1 row created
SQL> select * from works;
EMP_ID COMPANY_NAME SALARY
E-101 SBI 71000
E-102 SBI 90000
E-103 SBT 40000
E-104 Federal 37000
E-105 SBT 17000
SQL> create table manages(emp_id char(8) references emp(emp_id),manager_id char(8) references emp(emp_id),unique(emp_id,manager_id));
Table created.
SQL> insert into manages values('E-101','E-102');
1 row created.
SQL> insert into manages values('E-102',NULL);
1 row created.
SQL> insert into manages values('E-103','E-110');



Bonny	
B) SQL> select emp.emp_name from emp,works,company who emp.emp_id=works.emp_id and works.company_name=company.company_name a emp.city=company.city;	ere
EMP_NAME	
Adarsh	
Bonny	
C) SQL> select emp_id from works w1,(select avg(salary) as avgsal,company_name frow works group by company_name) w2 where w1.company_name=w2.company_name aw1.salary>w2.avgsal;	
EMP_ID	
E-102	
E-103	
D) SQL> update works set salary=salary*1.1 where emp_id in (select manager_id from manages) and company_name='SBI';	on
1 row updated.	
SQL> select * from works;	
EMP_ID COMPANY_NAME SALARY	

E-101	SBI	71000
E-102	SBI	99000
E-103	SBT	40000
E-104	Federal	37000
E-105	SBT	17000

E) SQL> select company_name from works group by company_name having count(emp_id)>=all(select count(emp_id))from works group by company_name);

COMPANY_NAME
SBI

SBT

SQL> select * from works;

EMP_II	D COMPANY_	NAME	SALARY
E-101	SBI	71000	
E-102	SBI	99000	
E-103	SBT	40000	
E-104	Federal	37000	
E-105	SBT	17000	

F) SQL> select company_name from works group by company_name having avg (salary)>(select avg(salary) from works group by company_name having

company_name='SBT');		
COMPANY_NAME		
 SBI		
SQL> commit;		
Commit complete.		
SQL> commit;		