**Create tables for following data**

Table name: emp1

id name

1 Anitha

2 Bala

3 Chitra

Table name: emp2

id name refer\_by

1 Anitha NULL

5 Renu NULL

6 Bala 3

3 Ramesh 1

CREATE TABLE EMP1 (ID INT PRIMARY KEY,NAME VARCHAR(20) );

CREATE TABLE EMP2 (ID INT PRIMARY KEY,NAME VARCHAR(20),

REFER\_BY INT FOREIGN KEY REFERENCES EMP1(ID));

DROP TABLE EMP2;

INSERT INTO EMP1 VALUES(1,'ANITHA'),(2,'BALA'),(3,'CHITRA');

INSERT INTO EMP2 VALUES(1,'ANITHA',NULL)

INSERT INTO EMP2 VALUES(5,'RENU',NULL)

INSERT INTO EMP2 (ID,NAME,REFER\_BY)VALUES(6,'BALA',3)

INSERT INTO EMP2(ID,NAME,REFER\_BY) VALUES(3,'RAMESH',1);

1. Write a query for the given output:

id name id name

1 Anitha 5 Renu

1 Anitha 6 Bala

1 Anitha 3 Ramesh

2 Bala 1 Anitha

2 Bala 5 Renu

2 Bala 6 Bala

2 Bala 3 Ramesh

3 Chitra 1 Anitha

3 Chitra 5 Renu

3 Chitra 6 Bala

SELECT A.ID,A.NAME,B.ID,B.NAME

FROM EMP1 A CROSS JOIN EMP2 B WHERE A.ID<>B.ID

;

2. Use EMP2 table alone. Display only employees with their referral name.

WE CANNOT PERFORM WITH ONLY EMP2 TABLE

**Create and use Employees table for the Following Questions :**

Table\_name: employees

Id Name ManagerId Salary

1 Anitha 4 10000.00

2 Anjana 3 11000.00

3 Aarthi 4 10500.00

4 Anjali NULL 15000.00

3. Display employees earning higher than manager.

CREATE TABLE EMPLOYEES

(ID INT,NAME VARCHAR(20),MANAGERLD INT,SALARY INT);

DROP TABLE EMPLOYEES

INSERT INTO EMPLOYEES VALUES(1,'ANITHA',4,10000.00),

(2,'ANJANA',3,11000.00),

(3,'AARTHI',4,10500.00),

(4,'ANJALI',NULL,15000.00);

SELECT E.ID,E.NAME,M.ID,M.NAME,E.SALARY,M.SALARY FROM EMPLOYEES AS E,EMPLOYEES AS M

WHERE E.SALARY > M.SALARY AND E.MANAGERLD = M.ID;