EXPERIMENT NO: 5

Name: Kevin Chacko ABraham

Roll No: 13

Batch: MCA B

Date: 19-04-2022

AIM:

To familiarize with set operations

QUESTION:

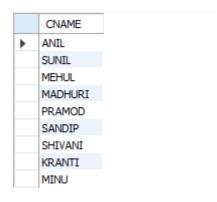
- 1. List all the customers who are depositors but not borrowers.
- 2. List all the customers who are both depositors and borrowers
- 3. List all the depositors having deposit in all the branches where Sunil is having Account
- 4. List all the customers living in city NAGPUR and having branch city BOMBAY or DELHI
- 5. List all the depositors living in city NAGPUR
- 6. List all the depositors living in the city NAGPUR and having branch in city BOMBAY
- 7. List the branch cities of Anil and Sunil
- 8. List the customers having deposit greater than 1000 and loan less than 10000.
- 9. List the cities of depositors having branch VRCE.
- 10. List the depositors having amount less than 1000 and living in the same city as Anil
- 11. List all the cities where branches of Anil and Sunil are locate
- 12. List the amount for the depositors living in the city where Anil is living

PROCEDURE:

 SELECT DISTINCT(DEPOSIT.CNAME) FROM BORROW, DEPOSIT WHERE DEPOSIT.CNAME NOT IN (SELECT CNAME FROM BORROW);



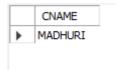
2. SELECT CNAME FROM DEPOSIT UNION (SELECT CNAME FROM BORROW);



3. SELECT D1.CNAME FROM DEPOSIT D1 WHERE D1.BNAME IN (SELECT D2.BNAME FROM DEPOSIT D2 WHERE D2.CNAME = 'SUNIL');



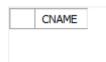
4. SELECT C1.CNAME FROM CUSTOMER C1,DEPOSIT D1, BRANCH B1 WHERE C1.CITY = 'NAGPUR' AND C1.CNAME = D1.CNAME AND D1.BNAME = B1.BNAME AND B1.CITY IN ('BOMBAY','DELHI');



5. SELECT Distinct(CUSTOMER.CNAME) from CUSTOMER, DEPOSIT WHERE City='NAGPUR';



6. SELECT C1.CNAME FROM CUSTOMER C1, DEPOSIT D1, BRANCH B1 WHERE C1.CITY = 'NAGPUR' AND C1.CNAME = D1.CNAME AND D1.BNAME = B1.BNAME AND B1.CITY IN ('BOMBAY');



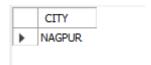
7. SELECT B1.CITY FROM DEPOSIT D1, BRANCH B1 WHERE D1.BNAME = B1.BNAME AND D1.CNAME IN ('SUNIL', 'ANIL');



8. SELECT DISTINCT D1.CNAME FROM deposit D1, borrow B1 WHERE D1.AMOUNT>1000 AND B1.AMOUNT<10000;



9. SELECT B1.CITY FROM deposit D1, branch B1 WHERE D1.BNAME=B1.BNAME AND B1.BNAME='VRCE';



10. SELECT D1.CNAME FROM deposit D1, customer C1 WHERE AMOUNT<1000 AND C1.CITY=(C1.CNAME='ANIL');



11. SELECT B1.CITY FROM BRANCH B1 WHERE B1.BNAME IN (SELECT D1.BNAME FROM DEPOSIT D1 WHERE D1.CNAME IN ('ANIL','SUNIL'));



12. SELECT DISTINCT(D1.CNAME),D1.AMOUNT ,C1.CITY FROM deposit D1, CUSTOMER C1, BRANCH B1 WHERE D1.CNAME=C1.CNAME AND C1.CITY IN(SELECT C2.CITY FROM customer C2 WHERE C2.CNAME='ANIL');

