**Name:Vishnu sadasivan**

**Roll No: 52**

**Batch: mca-B**

**Date: 06-05-2022**

**ADVANCED DBMS LAB**

**Experiment No.: 6**

**Aim**

To familiarize with join or cartesian product

**Questions:**

1. Give name of customers having living city BOMBAY and branch city NAGPUR.

2. Give names of customers having the same living city as their branch city.

3. Give names of customers who are borrowers as well as depositors and having city

NAGPUR.

4. Give names of borrowers having deposit amount greater than 1000 and loan amount greater

than 2000.

5. Give names of depositors having the same branch as the branch of Sunil.

6. Give names of borrowers having loan amount greater than the loan amount of Pramod.

7. Give the name of the customer living in the city where branch of depositor Sunil is located.

8. Give branch city and living city of Pramod.

9 .Give branch city of Sunil and branch city of Anil.

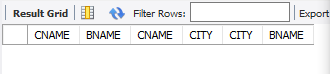
10. Give the living city of Anil and the living city of Sunil.

**Procedure & Outputs**

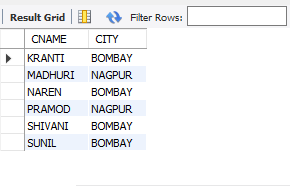
1. SELECT D1.CNAME,D1.BNAME,C1.CNAME,C1.CITY,B1.CITY,B1.BNAME

FROM DEPOSITE D1,CUSTOMER C1,BRANCH B1 WHERE C1.CITY = 'NAGPUR' AND

B1.CITY = 'BOMBAY' AND D1.CNAME = C1.CNAME AND D1.BNAME = B1.BNAME;

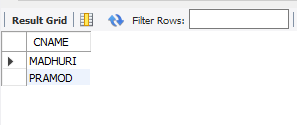


2. SELECT DISTINCT(C1.CNAME),B1.CITY FROM BRANCH B1,CUSTOMER C1 WHERE B1.CITY=C1.CITY;



3. SELECT C1.CNAME FROM CUSTOMER C1,DEPOSITE D1,BORROW B1

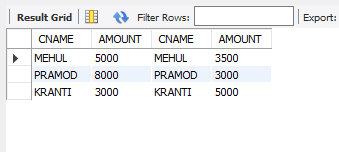
WHERE C1.CITY='NAGPUR' AND C1.CNAME=D1.CNAME AND D1.CNAME = B1.CNAME;



4. SELECT BR1.CNAME, BR1.AMOUNT, D1.CNAME, D1.AMOUNT FROM

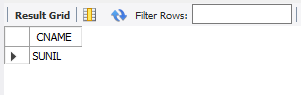
BORROW BR1,DEPOSITE D1 WHERE D1.CNAME = BR1.CNAME AND D1.AMOUNT >

1000 AND BR1.AMOUNT > 2000;



5. SELECT D1.CNAME FROM DEPOSITE D1 WHERE D1.BNAME IN (SELECT

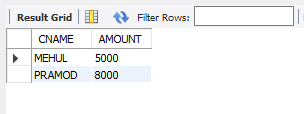
D2.BNAME FROM DEPOSITE D2 WHERE D2.CNAME = 'SUNIL');



6. SELECT B1.CNAME FROM BORROW B1

WHERE B1.AMOUNT > ALL (SELECT B2.AMOUNT FROM BORROW B2

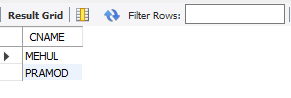
WHERE B2.CNAME = 'SUNIL');



7.SELECT C.CNAME FROM CUSTOMER C WHERE C.CITY IN (SELECT B.CITY

FROM BRANCH B WHERE B.BNAME IN (SELECT D.BNAME FROM DEPOSITE D

WHERE D.CNAME='SUNIL'));



8. SELECT D1.BNAME,C1.CITY FROM CUSTOMER C1, DEPOSIT D1,BRANCH B1

WHERE C1.CNAME = 'PRAMOD' AND C1.CNAME = D1.CNAME AND D1.BNAME = B1.BNAME;



9.  SELECT B1.CITY FROM DEPOSIT D1, BRANCH B1 WHERE D1.BNAME =

B1.BNAME AND D1.CNAME IN ('SUNIL' ,'ANIL');



1. SELECT C1.CNAME, C1.CITY FROM CUSTOMER C1 WHERE C1.CNAME =

'ANIL' OR C1.CNAME = 'SUNIL';

