ADVANCED DBMS LAB

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Roll No: 55

Batch: B

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Experiment No.: 5

Aim

To familiarize with set operations

QUESTIONS

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 all the cities where branches of Anil and Sunil are locate

11. List the amount for the depositors living in the city where Anil is living

PROCEDURE

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

CNAME
SANDIP
MINU

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

CNAME
ANIL
SUNIL
MEHUL
MADHURI
PRAMOD
SANDIP
SHIVANI
KRANTI
MINU

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

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');

CNAME
MADHURI

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

CNAME
PRAMOD
MADHURI

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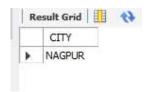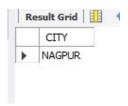   B1.BNAME AND B1.CITY IN ('BOMBAY');

CNAME

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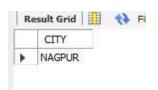   = B1.BNAME AND D1.CNAME IN ('SUNIL' ,'ANIL');

CITY
NAGPUR

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

CNAME
MEHUL
MADHURI
PRAMOD
SANDIP
KRANTI
MINU

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

Result Grid	
	CITY
▶	NAGPUR

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

Result Grid		
	CITY	
▶	NAGPUR	

11. 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');

Result Grid		Filter Rows:		Export:	Wrap Cell Content:
	CNAME	AMOUNT	CITY		
▶	ANIL	1000	CALCUTTA		