ADVANCED DBMS LAB

Experiment No.: 5

Name: SREELAKSHMI R   **Roll No: 41**   **Batch: RMCA S2B**   **Date: 19-04-2022**

Aim

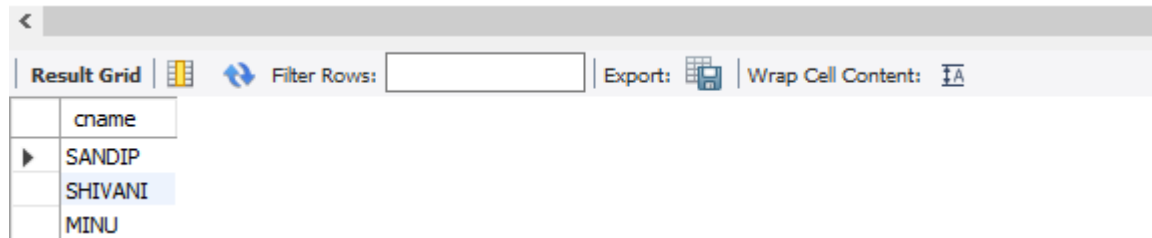To familiarize with set operations

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

   BOMBAYor   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 AND OUTPUT SCREENSHOT
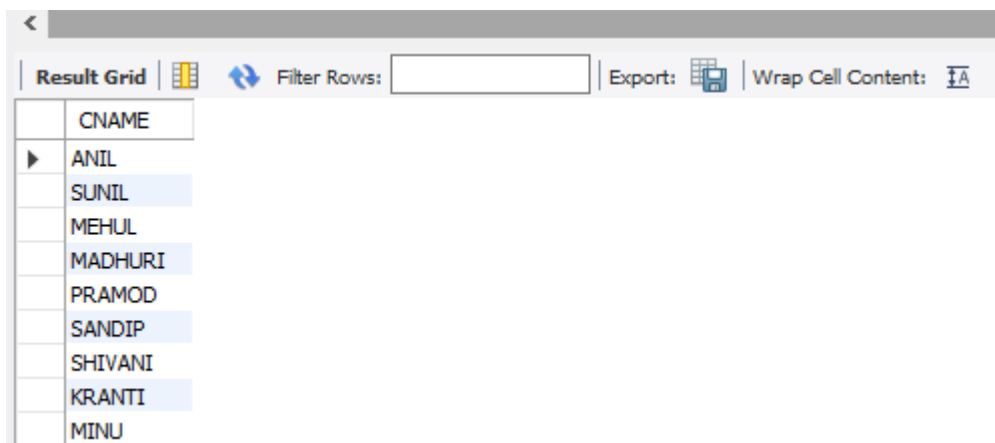
1. Select cname from deposit where cname not in (select cname from borrow)**;**
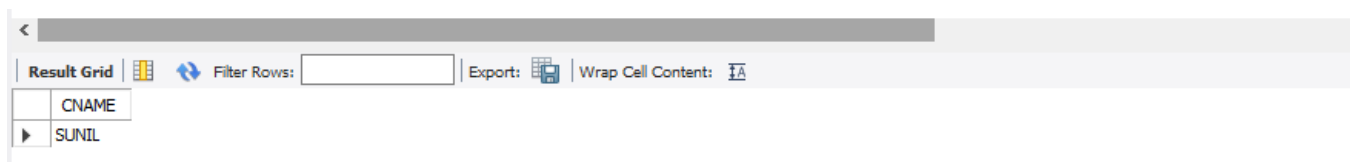
2. SELECT CNAME FROM DEPOSIT UNION(SELECT CNAME FROM BORROW);

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');

Result Grid	Filter Rows:	Export:	Wrap Cell Content:

CNAME
MADHURI

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

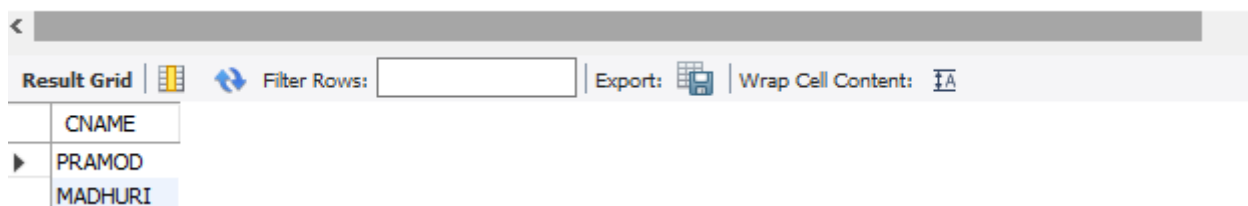| Result Grid | Filter Rows: | Export: | Wrap Cell Content: |
|---|

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');

Result Grid	Filter Rows:	Export:	Wrap Cell Content:

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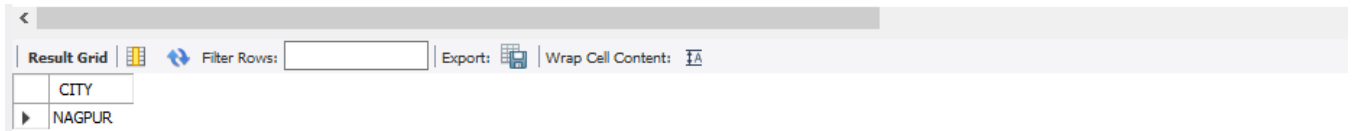
9. SELECT B1.CITY FROM deposit D1, branch B1 WHERE D1.BNAME=B1.BNAME AND B1.BNAME='VRCE';

CITY
NAGPUR

10. SELECT D1.CNAME FROM DEPOSIT D1, CUSTOMER C1, CUSTOMER C2 WHERE C1.CITY=C2.CITY AND C2.CNAME ='ANIL' AND C1.CNAME AND D1.AMOUNT <1000;

CNAME

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

CITY
▶ NAGPUR

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');

CNAME	AMOUNT	CITY
▶ ANIL	1000	CALCUTTA