

ADVANCED DBMS LAB**Experiment No.: 5****Aim**

To familiarize with set operations

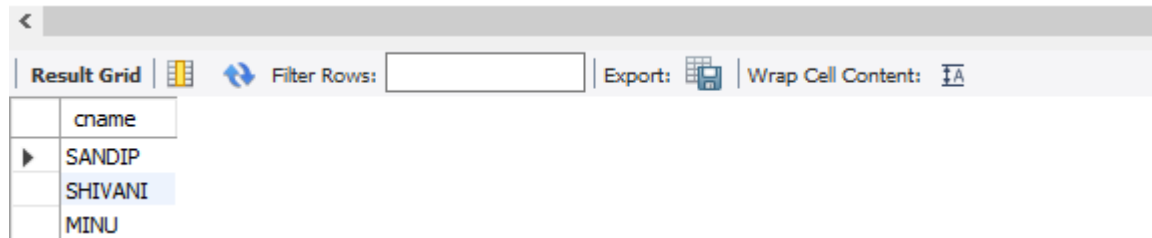
QUESTION

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

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

PROCEDURE AND OUTPUT SCREENSHOT

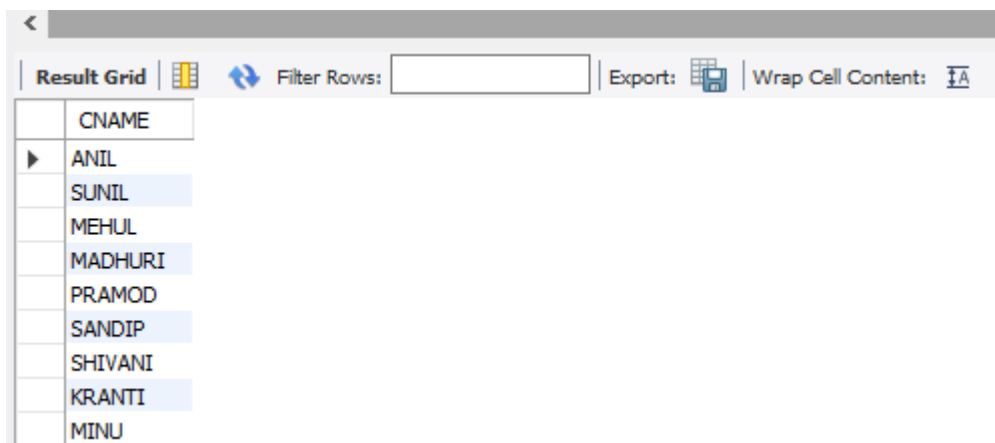
1. Select cname from deposit where cname not in (select cname from borrow);



The screenshot shows a database query result grid. The header row is 'cname'. The data rows are 'SANDIP', 'SHIVANI', and 'MINU'. The grid has a toolbar with 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content' options.

cname
SANDIP
SHIVANI
MINU

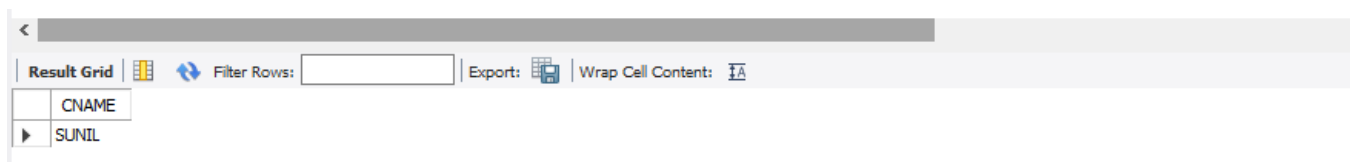
2. SELECT CNAME FROM DEPOSIT UNION(SELECT CNAME FROM BORROW);



The screenshot shows a database query result grid. The header row is 'CNAME'. The data rows are 'ANIL', 'SUNIL', 'MEHUL', 'MADHURI', 'PRAMOD', 'SANDIP', 'SHIVANI', 'KRANTI', and 'MINU'. The grid has a toolbar with 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content' options.

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');



The screenshot shows a database query result grid. The header row is 'CNAME'. The data row is 'SUNIL'. The grid has a toolbar with 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content' options.

CNAME
SUNIL

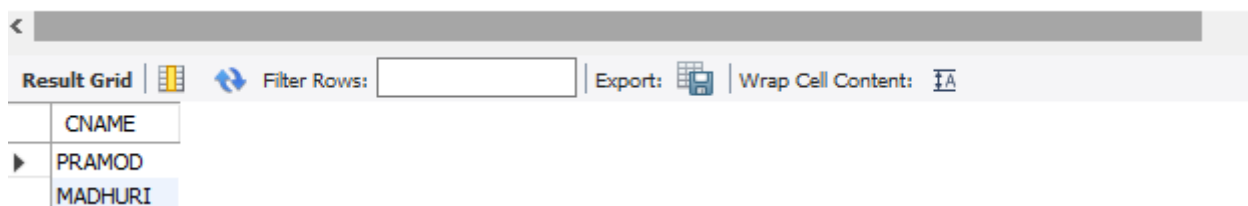
4. SELECT C1.CNAME FROM CUSTOMER C1,DEPOSIT D1, BRANCH B1
WHERE C1.CITY = 'NAGPUR' AND C1.CNAME = D1.CNAME AND D1.BNAME =
B1.BNAME AND B1.CITY IN ('BOMBAY','DELHI');



The screenshot shows a database query result grid. The grid has a header row with the column name 'CNAME' and a single data row with the value 'MADHURI'. The interface includes a 'Filter Rows' search bar, an 'Export' button, and a 'Wrap Cell Content' toggle.

CNAME
MADHURI

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



The screenshot shows a database query result grid. The grid has a header row with the column name 'CNAME' and two data rows with the values 'PRAMOD' and 'MADHURI'. The interface includes a 'Filter Rows' search bar, an 'Export' button, and a 'Wrap Cell Content' toggle.

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');



The screenshot shows a database query result grid. The grid has a header row with the column name 'CNAME' and one data row with the value 'CNAME'. The interface includes a 'Filter Rows' search bar, an 'Export' button, and a 'Wrap Cell Content' toggle.

CNAME
CNAME

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

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	CITY			
▶	NAGPUR			

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

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	CNAME			
▶	MEHUL			
	MADHURI			
	PRAMOD			
	SANDIP			
	KRANTI			
	MINU			

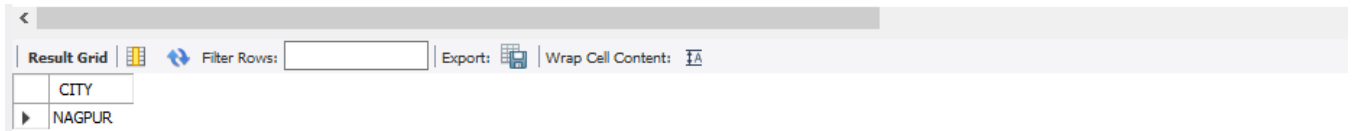
9. SELECT B1.CITY FROM deposit D1, branch B1 WHERE D1.BNAME=B1.BNAME AND B1.BNAME='VRCE';

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	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;

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	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