

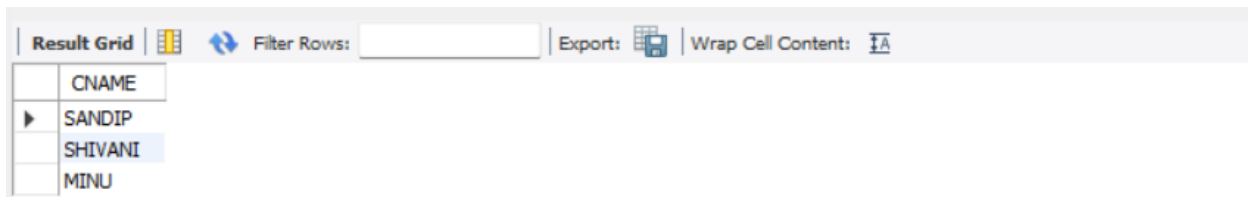
Experiment No.: 4

Aim

To familiarize with set operations

1. List all the customers who are depositors but not borrowers.

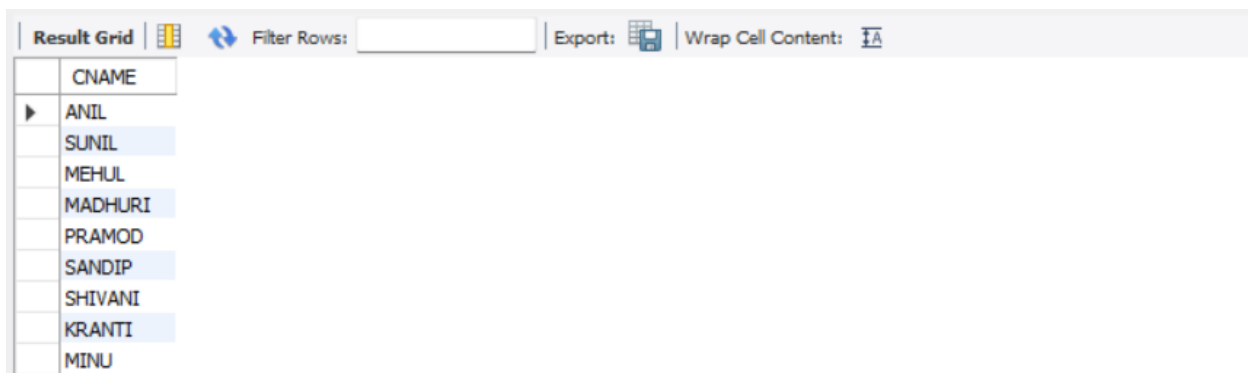
SELECT CNAME FROM deposit WHERE CNAME NOT IN (SELECT CNAME FROM borrow);



CNAME
SANDIP
SHIVANI
MINU

2. List all the customers who are both depositors and borrowers

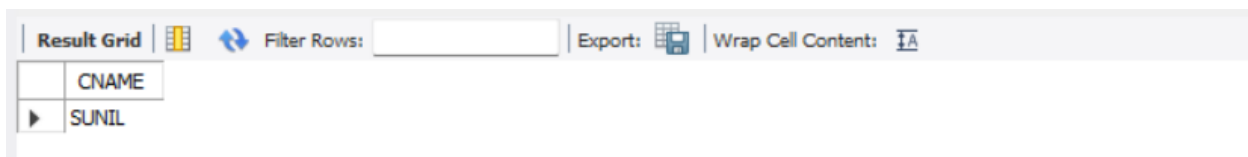
SELECT CNAME FROM DEPOSIT UNION (SELECT CNAME FROM BORROW);



CNAME
ANIL
SUNIL
MEHUL
MADHURI
PRAMOD
SANDIP
SHIVANI
KRANTI
MINU

3. List all the depositors having deposit in all the branches where Sunil is having Account

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



CNAME
SUNIL

4. List all the customers living in city NAGPUR and having branch city BOMBAY or DELHI

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. List all the depositors living in city NAGPUR

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

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
CNAME			
PRAMOD			
MADHURI			

6. List all the depositors living in the city NAGPUR and having branch in city BOMBAY

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. List the branch cities of Anil and Sunil

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. List the customers having deposit greater than 1000 and loan less than 10000.

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. List the cities of depositors having branch VRCE.

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. List the depositors having amount less than 1000 and living in the same city as Anil

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

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	CNAME			
▶	SUNIL			
	SUNIL			
	SUNIL			
	SUNIL			
	SUNIL			
	SUNIL			
	SUNIL			
	SUNIL			
	SUNIL			

11. List all the cities where branches of Anil and Sunil are locate

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

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

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

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