

ADVANCED DBMS LAB

EXPERIMENT :6

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Roll No: 13
Batch: MCA B
Date 06/05/2022

AIM

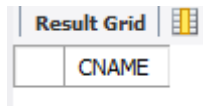
To familiarize with join or cartesian product

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

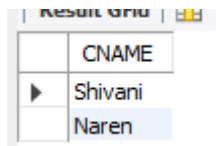
PROCEDURE & OUTPUT

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



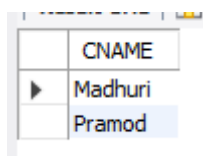
CNAME

2.SELECT C1.CNAME FROM DEPOSIT D1,CUSTOMER C1,BRANCH B1 WHERE C1.CITY=B1.CITY AND D1.CNAME = C1.CNAME AND D1.BNAME = B1.BNAME;



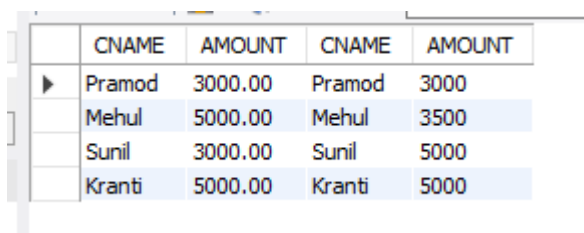
CNAME
Shivani
Naren

3.SELECT distinct(C1.CNAME) FROM CUSTOMER C1,DEPOSIT D1,BORROW B1 WHERE C1.CITY='NAGPUR' AND D1.CNAME = B1.CNAME;/SELECT C1.CNAME FROM CUSTOMER C1,DEPOSIT D1,BORROW B1 WHERE C1.CITY='NAGPUR' AND C1.CNAME=D1.CNAME AND D1.CNAME = B1.CNAME;



CNAME
Madhuri
Pramod

4.SELECT BR1.CNAME, BR1.AMOUNT, D1.CNAME, D1.AMOUNT FROM BORROW BR1,DEPOSIT D1 WHERE D1.CNAME = BR1.CNAME AND D1.AMOUNT > 1000 AND BR1.AMOUNT > 2000;



CNAME	AMOUNT	CNAME	AMOUNT
Pramod	3000.00	Pramod	3000
Mehul	5000.00	Mehul	3500
Sunil	3000.00	Sunil	5000
Kranti	5000.00	Kranti	5000

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

CNAME
Sunil

6.SELECT BR1.CNAME,BR1.AMOUNT FROM BORROW BR1 WHERE BR1.AMOUNT > ALL (SELECT BR2.AMOUNT FROM BORROW BR2 WHERE BR2.CNAME = 'PRAMOD');

CNAME	AMOUNT
Mehul	5000.00
Kranti	5000.00

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 DEPOSIT D WHERE D.CNAME='SUNIL'));

CNAME
Madhuri
Pramod

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;

bname	CITY
MG road	Nagpur

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

CITY
Nagpur
Nagpur

10.SELECT C1.CNAME, C1.CITY FROM CUSTOMER C1 WHERE C1.CNAME ='ANIL'
OR C1.CNAME = 'SUNIL';

	CNAME	CITY
▶	Anil	Calcutta
	Sunil	Delhi