

ADVANCED DBMS LAB**Experiment No.: 6****Name: Justin V Kalappura****Roll No: 10****Batch: MCA****Date: 06/05/2022****Aim:**

To familiarize with join or cartesian product.

Question:

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:

1. Give name of customers having living city BOMBAY and branch city NAGPUR.

```
120 • SELECT D1.CNAME,D1.BNAME,C1.CNAME,C1.CITY,B1.CITY,B1.BNAME
121 FROM DEPOSIT D1,CUSTOMER C1,BRANCH B1 WHERE C1.CITY = 'BOMBAY'
122 AND B1.CITY = 'NAGPUR' AND D1.CNAME = C1.CNAME AND D1.BNAME = B1.BNAME;
```

2. Give names of customers having the same living city as their branch city.

```
123 • SELECT distinct(customer.CNAME), BRANCH.CITY FROM BRANCH,
124 customer WHERE BRANCH.city = customer.city;
```

3. Give names of customers who are borrowers as well as depositors and having city NAGPUR.

```
125 • SELECT C1.CNAME FROM CUSTOMER C1,DEPOSIT D1,BORROW B1 WHERE
126 C1.CITY='NAGPUR' AND C1.CNAME=D1.CNAME AND D1.CNAME = B1.CNAME;
```

4. Give names of borrowers having deposit amount greater than 1000 and loan amount greater than 2000.

```
127 • SELECT BR1.CNAME, BR1.AMOUNT, D1.CNAME, D1.AMOUNT FROM
128 BORROW BR1, DEPOSIT D1 WHERE D1.CNAME = BR1.CNAME AND D1.AMOUNT >
129 1000 AND BR1.AMOUNT > 2000;
```

5. Give names of depositors having the same branch as the branch of Sunil.

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

6. Give names of borrowers having loan amount greater than the loan amount of Pramod.

```
132 • SELECT BR1.CNAME, BR1.AMOUNT FROM BORROW BR1 WHERE
133 BR1.AMOUNT > ALL (SELECT BR2.AMOUNT FROM BORROW BR2 WHERE
134 BR2.CNAME = 'PRAMOD');
```

7. Give the name of the customer living in the city where branch of depositor Sunil is located.

```
135 • SELECT C.CNAME FROM CUSTOMER C WHERE C.CITY IN (SELECT B.CITY
136 FROM BRANCH B WHERE B.BNAME IN (SELECT D.BNAME FROM DEPOSIT D
137 WHERE D.CNAME = 'SUNIL'));
```

8. Give branch city and living city of Pramod.

```
138 • SELECT B1.CITY, C1.CITY FROM BRANCH B1, CUSTOMER C1, DEPOSIT D1
139 WHERE C1.CNAME = 'PRAMOD' AND C1.CNAME = D1.CNAME AND D1.BNAME =
140 B1.BNAME;
```

9. Give branch city of Sunil and branch city of Anil.

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

10. Give the living city of Anil and the living city of Sunil.

```
143 • SELECT C1.CNAME, C1.CITY FROM CUSTOMER C1 WHERE C1.CNAME =
144 'ANIL' OR C1.CNAME = 'SUNIL';
```

Output Screenshot:

1. Give name of customers having living city BOMBAY and branch city NAGPUR.

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	CNAME	BNAME	CNAME	CITY	CITY	BNAME
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2. Give names of customers having the same living city as their branch city.

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
CNAME	CITY			
KRANTI	BOMBAY			
MADHURI	NAGPUR			
NAREN	BOMBAY			
PRAMOD	NAGPUR			
SHIVANI	BOMBAY			
SUNIL	DELHI			

3. Give names of customers who are borrowers as well as depositors and having city NAGPUR.

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

4. Give names of borrowers having deposit amount greater than 1000 and loan amount greater than 2000.

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
CNAME	AMOUNT	CNAME	AMOUNT	
MEHUL	5000	MEHUL	3500	
PRAMOD	8000	PRAMOD	3000	
KRANTI	3000	KRANTI	5000	

5. Give names of depositors having the same branch as the branch of Sunil.

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

6. Give names of borrowers having loan amount greater than the loan amount of Pramod.

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
CNAME	AMOUNT			

7. Give the name of the customer living in the city where branch of depositor Sunil is located.

Result Grid		Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
CNAME					
HULL					

8. Give branch city and living city of Pramod.

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

9. Give branch city of Sunil and branch city of Anil.

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

10. Give the living city of Anil and the living city of Sunil.

Result Grid		Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:	
	CNAME	CITY							
▶	ANIL	CALCUTTA							
	SUNIL	DELHI							
*	NULL	NULL							