

ADVANCED DBMS LAB**Experiment No.: 7****Aim:**

To familiarize with Group by and Having clause.

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Roll No: 10

Batch: MCA

Date: 06/05/2022

Question:

1. List the branches having sum of deposit more than 5000.
2. List the branches having sum of deposit more than 500 and located in city BOMBAY.
3. List the names of customers having deposited in the branches where the average deposit is more than 5000.
4. List the names of customers having maximum deposit.
5. List the name of branch having highest number of depositors.
6. Count the number of depositors living in NAGPUR.
7. Give names of customers in VRCE branch having more deposit than any other customer in same branch.
8. Give the names of branch where number of depositors is more than 5.
9. Give the names of cities in which the maximum number of branches are located.
10. Count the number of customers living in the city where branch is located.

Procedure:

1. List the branches having sum of deposit more than 5000.

```
148 • SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE
149     D.BNAME=B.BNAME AND B.CITY='BOMBAY' GROUP BY D.BNAME HAVING
150     SUM(D.AMOUNT)>5000;
```

2. List the branches having sum of deposit more than 500 and located in city BOMBAY.

```
151 • SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE
152     D.BNAME=B.BNAME GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000;
```

3. List the names of customers having deposited in the branches where the average deposit is more than 5000.

```
153 • select CNAME from deposit where AMOUNT=(select AVG(Amount) from DEPOSIT
154      GROUP BY BNAME having AVG(Amount)>5000);
```

4. List the names of customers having maximum deposit.

```
155 • SELECT MAX(AMOUNT),CNAME FROM deposit;
```

5. List the name of branch having highest number of depositors.

```
156 • SELECT D1.BNAME FROM DEPOSIT D1 GROUP BY D1.BNAME HAVING
157      COUNT(D1.CNAME) >= ALL(SELECT COUNT(D2.CNAME) FROM
158      DEPOSIT D2 GROUP BY D2.BNAME);
```

6. Count the number of depositors living in NAGPUR.

```
157 • select count(deposit.cname)from deposit,CUSTOMER where
158      CUSTOMER.CITY='nagpur';
```

7. Give names of customers in VRCE branch having more deposit than any other customer in same branch.

```
159 • Select CNAME from deposit where BNAME='VRCE' and amount=(select
160      max(AMOUNT) from deposit where BNAME='VRCE');
```

8. Give the names of branch where number of depositors is more than 5.

```
161 • SELECT BNAME from deposit GROUP BY BNAME HAVING
162      COUNT(BNAME)>5;
```

9. Give the names of cities in which the maximum number of branches are located.

```
163 • select C.CNAME ,count(B.BNAME) from CUSTOMER C inner join Branch B on
164      C.CNAME=B.BNAME group by C.Cname order by count(B.BName) DESC;
```

10. Count the number of customers living in the city where branch is located.

```
165 • select count(b1.bname) From deposit d1 , borrow b1 , customer c1 Where
166      c1.cname=d1.cname and d1.cname=b1.cname and c1.city in (select city from customer);
```

Output Screenshot:

1. List the branches having sum of deposit more than 5000.

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
BNAME			
POWAI			

2. List the branches having sum of deposit more than 500 and located in city BOMBAY.

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
BNAME			
POWAI			

3. List the names of customers having deposited in the branches where the average deposit is more than 5000.

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

4. List the names of customers having maximum deposit.

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
MAX(AMOUNT)	CNAME		
7000	ANIL		

5. List the name of branch having highest number of depositors.

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
BNAME			
VRCE			
ANJNI			
KAROLBAGH			
CHANDNI			
MG ROAD			
ANDHERI			
VIRAR			
NEHRU PLACE			
POWAI			

6. Count the number of depositors living in NAGPUR.

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
count(deposit.cname)			
18			

7. Give names of customers in VRCE branch having more deposit than any other customer in same branch.

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

8. Give the names of branch where number of depositors is more than 5.

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

9. Give the names of cities in which the maximum number of branches are located.

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	CNAME			
	count(B.BNAME)			

10. Count the number of customers living in the city where branch is located.

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	count(b1.bname)			
▶	6			