

**ADVANCED DATABASE MANAGEMENT SYSTEM LAB****Name: Manya Madhu****Roll No:17****Batch: S2 RMCA B****Date: 06/05/2022****Experiment No: 7****Aim**

To familiarize with Group by and Having clause

**Questions**

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

	BNAME
▶	POWAI

2.

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

	BNAME
▶	POWAI

3.

SELECT CNAME from deposit where AMOUNT=(select AVG(Amount) from  
DEPOSIT GROUP BY BNAME having AVG(Amount)>5000);

	CNAME
▶	MINU

4.

SELECT MAX(AMOUNT),CNAME FROM deposit;

	MAX(AMOUNT)	CNAME
▶	7000	ANIL

5.

SELECT D1.BNAME FROM DEPOSIT D1 GROUP BY D1.BNAME HAVING  
COUNT(D1.CNAME) >=ALL (SELECT COUNT(D2.CNAME) FROM DEPOSIT D2  
GROUP BY D2.BNAME);

	BNAME
▶	VRCE
	ANJNI
	KAROLBAGH
	CHANDNI
	MG ROAD
	ANDHERI
	VIRAR
	NEHRU PLACE
	POWAI

6. select count(deposit.cname)from deposit,CUSTOMER where CUSTOMER.CITY='nagpur';

	count(deposit.cname)
▶	18

7.

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

	CNAME
▶	ANIL

8.

SELECT BNAME from deposit GROUP BY BNAME HAVING COUNT(BNAME)>5;

	BNAME
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9.

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

	CNAME	count(B.BNAME)
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10.

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

	count(b1.bname)
▶	6