# ADVANCED DATABASE MANAGEMENT STYSTEM LAB

Name: MATHEW SEBASTIAN

Roll No:18

Batch: B

Date:6/05/2022

### **Experiment No.: 7**

### Aim

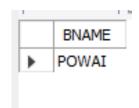
To familiarize with Group by and Having clause

## **Procedure**

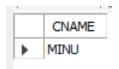
- 1.List the branches having sum of deposit more than 5000.
- 2.List the branches having sum of deposit more than 500 and located in city BOMBAY
- 3.List the names of customers having deposited in the branches where the average deposit is more than 5000.
- 4.List the names of customers having maximum 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 deposite 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

### **Output Screenshot**

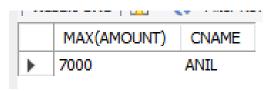
1. SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE D.BNAME=B.BNAME GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000;



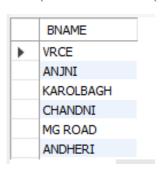
2. select CNAME from deposit where AMOUNT=(select AVG(Amount) from DEPOSIT GROUP BY BNAME having AVG(Amount)>5000);



3. SELECT MAX(AMOUNT), CNAME FROM deposit;



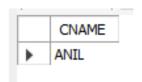
4. SELECT D1.BNAME FROM DEPOSIT D1 GROUP BY D1.BNAME HAVING COUNT(D1.CNAME)>= ALL (SELECT COUNT(D2.CNAME) FROM DEPOSIT D2 GROUP BY D2.BNAME);



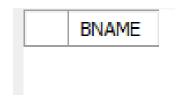
5. select count(deposit.cname)from deposit, CUSTOMER where CUSTOMER.CITY='nagpur';



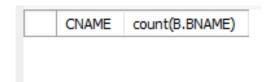
6. Select CNAME from deposit where BNAME='VRCE' and amount=(select max(AMOUNT) from deposit where BNAME='VRCE');



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



8. 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;



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



10. 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;

