## **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 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**

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

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;



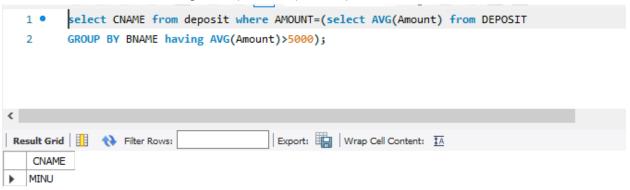
2.List the branches having sum of deposit more than 500 and located in city BOMBAY

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



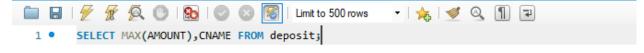
3.List the names of customers having deposited in the branches where the average deposit is more than 5000.

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



4.List the names of customers having maximum deposit

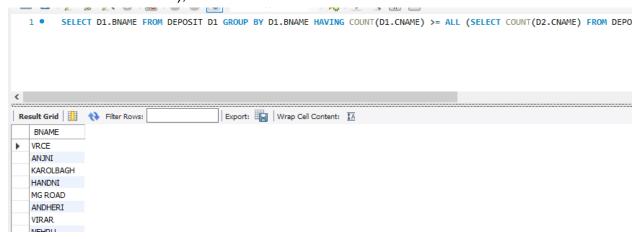
SELECT MAX(AMOUNT), CNAME FROM deposit;





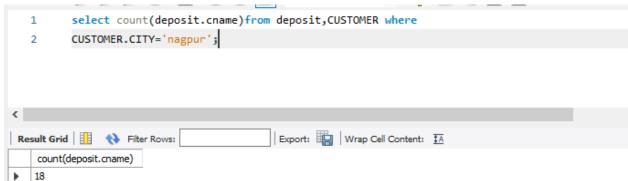
5.List the name of branch having highest number of depositors?

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);



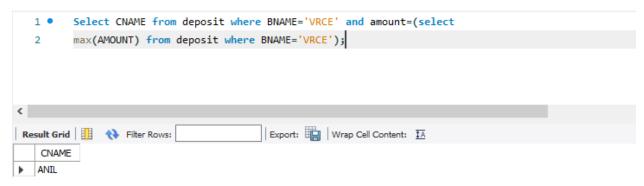
6. Count the number of depositors living in NAGPUR.

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



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

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



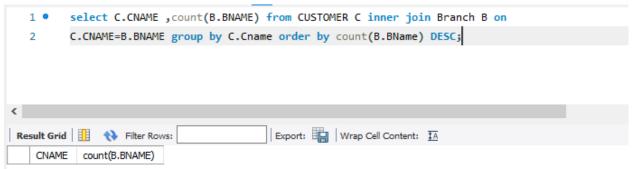
8. Give the names of branch where number of depositors is more than 5

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

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1 •	SELECT BNAME from deposit GROUP BY BNAME HAVING	
2	COUNT(BNAME)>5;	
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BNAME	E	

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

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;



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

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);

