

ADVANCED DBMS LAB**Experiment No.: 7****Name: VYSHNAVI BABU S****Roll No: 55****Batch: B****Date: 06-05-2022****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;

Result Grid		Filter
	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;

Result Grid		Filter
	BNAME	
▶	POWAI	

3. SELECT CNAME FROM DEPOSIT WHERE AMOUNT=(SELECT AVG(AMOUNT)
FROM DEPOSIT GROUP BY BNAME HAVING AVG(AMOUNT)>5000);

Result Grid		Filter
	CNAME	
▶	MINU	

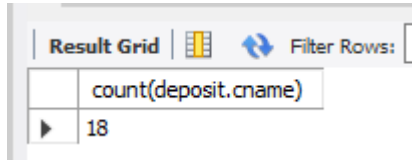
4. SELECT MAX(AMOUNT),CNAME FROM DEPOSIT;

Result Grid		Filter Rows:
	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);

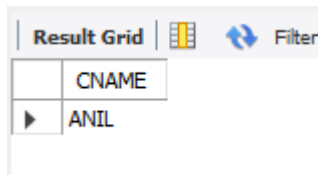
Result Grid		Filter Rows:
	BNAME	
▶	VRCE	
	ANJNI	
	KAROLBAGH	
	CHANDNI	
	MG ROAD	
	ANDHERI	
	VIRAR	
	NEHRU PLACE	
	POWAI	

6. SELECT COUNT(DEPOSIT.CNAME)FROM DEPOSIT,CUSTOMER WHERE
CUSTOMER.CITY='NAGPUR';



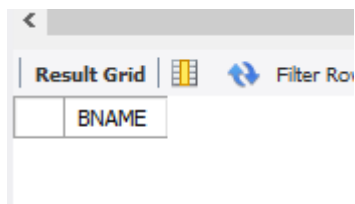
	count(deposit.cname)
▶	18

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



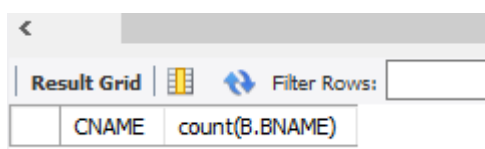
	CNAME
▶	ANIL

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



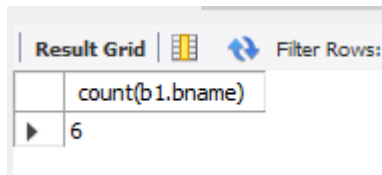
	BNAME
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9. SELECT C.CNAME ,COUNT(B.BNAME) FROM CUSTOMER C INNER JOIN
BRANCH B ON C.CNAME=B.BNAME GROUP BY C.CNAME ORDER BY
COUNT(B.BNAME) DESC;



	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);



The screenshot shows a 'Result Grid' window with a 'Filter Rows' button. The grid contains one row with the column header 'count(b1.bname)' and the value '6'.

	count(b1.bname)
▶	6