ADVANCED DBMS LAB

Experiment No: 7

Aim:

To familiarize with Group by and Having clause

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Roll No:37
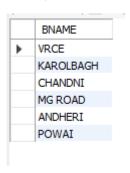
Batch: R-MCA

Date: 06-05-2022

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

Procedure:

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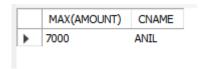D.BNAME=B.BNAME AND B.CITY='BOMBAY' GROUP BY D.BNAME HAVING
SUM(D.AMOUNT)>5000;

BNAME
POWAI

2. SELECT D.BNAME FROM DEPOSIT D, BRANCH B,CUSTOMER C WHERE
D.BNAME=B.BNAME and C.CITY='BOMBAY' GROUP BY D.BNAME HAVING
SUM(D.AMOUNT)>500;

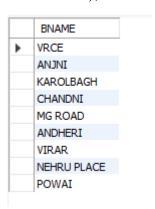| BNAME |
|---|
| VRCE |
| KAROLBAGH |
| CHANDNI |
| MG ROAD |
| ANDHERI |
| POWAI |

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)
9

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

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)

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)
5