ADVANCED DBMS LAB

Experiment No.: 7

Aim:

To familiarize with Group by and Having clause.

Name: Justin V Kalappura

Roll No: 10 Batch: MCA

Date: 06/05/2022

Question:

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

```
148 • SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE

149 D.BNAME=B.BNAME AND B.CITY='BOMBAY' GROUP BY D.BNAME HAVING

150 SUM(D.AMOUNT)>5000;
```

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

```
151 • SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE

152 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.

```
153 • ⊖ select CNAME from deposit where AMOUNT=(select AVG(Amount) from DEPOSIT
154 GROUP BY BNAME having AVG(Amount)>5000);
```

4.List the names of customers having maximum deposit.

```
155 • SELECT MAX(AMOUNT), CNAME FROM deposit;
```

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

```
156 • SELECT D1.BNAME FROM DEPOSIT D1 GROUP BY D1.BNAME HAVING

157 — COUNT(D1.CNAME) >= ALL(SELECT COUNT(D2.CNAME) FROM

DEPOSIT D2 GROUP BY D2.BNAME);
```

6. Count the number of depositors living in NAGPUR.

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

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

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

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

```
161 • SELECT BNAME from deposit GROUP BY BNAME HAVING

162 COUNT(BNAME)>5;
```

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);
```

Output Screenshot:

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.



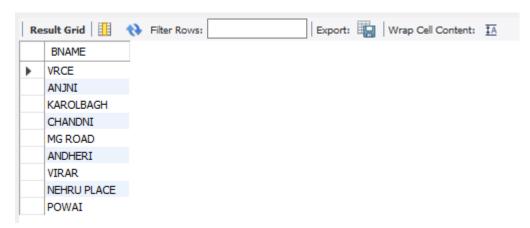
3.List the names of customers having deposited in the branches where the average deposit is more than 5000.



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.

