

Experiment 7

AIM : To familiarize with Group by and Having clause

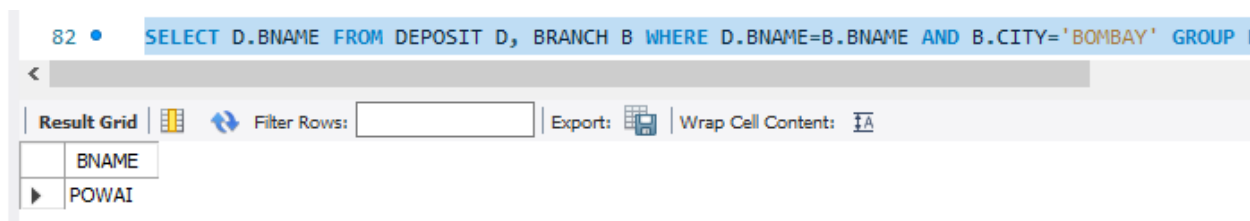
Questions

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 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

Answers

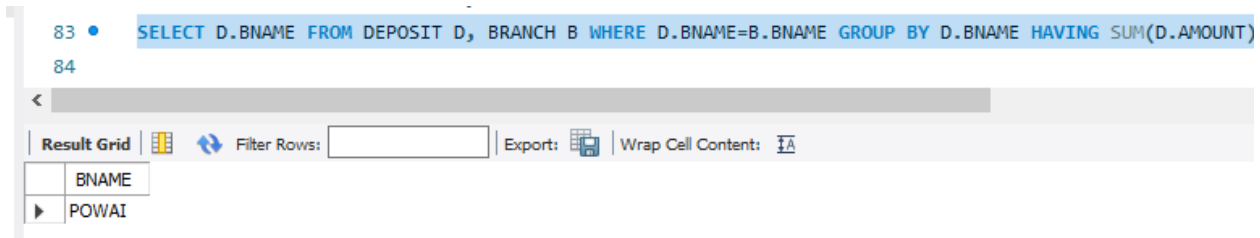
1. List the branches having sum of deposit more than 5000.

```
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;

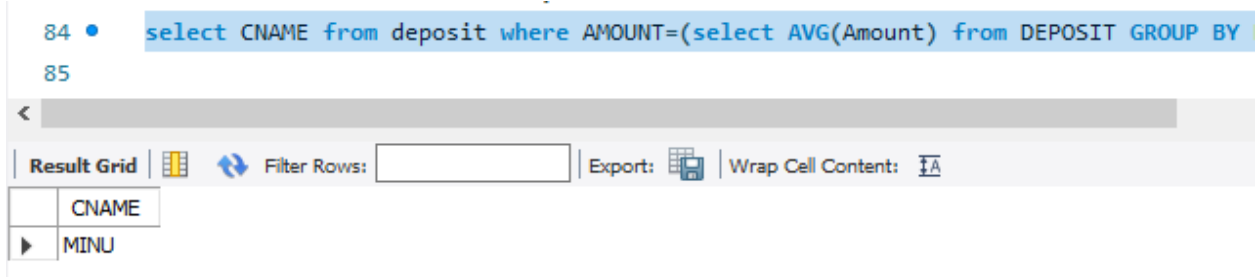


```
83 • SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE D.BNAME=B.BNAME GROUP BY D.BNAME HAVING SUM(D.AMOUNT)
84
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
BNAME			
POWAI			

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);

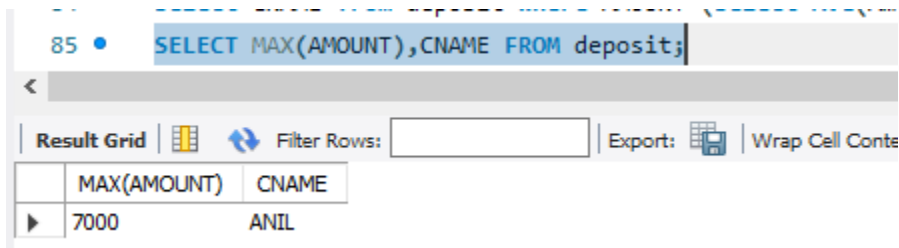


```
84 • select CNAME from deposit where AMOUNT=(select AVG(Amount) from DEPOSIT GROUP BY
85
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
CNAME			
MINU			

4. List the names of customers having maximum deposit

SELECT MAX(AMOUNT),CNAME FROM deposit;



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

Result Grid	Filter Rows:	Export:	Wrap Cell Conte
MAX(AMOUNT)			
7000			
CNAME			
ANIL			

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);

86 • `SELECT D1.BNAME FROM DEPOSIT D1 GROUP BY D1.BNAME HAVING COUNT(D1.CNAME) >= ALL (SELECT COU`

BNAME
ANDHERI
ANJNI
CHANDNI
KAROLBAGH
MG ROAD
NEHRUPPLACE
POWAI
VRAD

6.Count the number of depositors living in NAGPUR.

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

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

count(deposit.cname)
18

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');

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

CNAME
ANIL

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;

```
91 • SELECT BNAME from deposit GROUP BY BNAME HAVING
92 COUNT(BNAME)>5;
93
```

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BNAME

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;

```
94 • select C.CNAME ,count(B.BNAME) from CUSTOMER C inner join Branch B on
95 C.CNAME=B.BNAME group by C.Cname order by count(B.BName) DESC;
```

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CNAME	count(B.BNAME)
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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);

```
97 • select count(b1.bname) From deposit d1 , borrow b1 , customer c1 Where
98 c1.cname=d1.cname and d1.cname=b1.cname and c1.city in (select city from customer);
```

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count(b1.bname)
6