**Experiment 7**

**AIM : To familiarize with Group by and Having clause Questions**

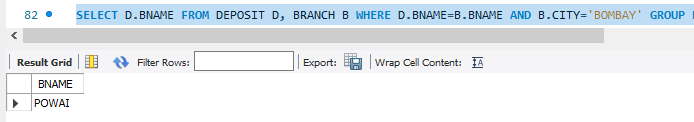
1. List the branches having sum of deposit more than 5000.
2. List the branches having sum of deposit more than 500 and located in city BOMBAY
3. List the names of customers having deposited in the branches where the average deposit is more than 5000.
4. List the names of customers having maximum deposit
5. List the name of branch having highest number of depositors? 6.Count the number of depositors living in NAGPUR.
6. Give names of customers in VRCE branch having more deposite than any other customer in same branch
7. 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

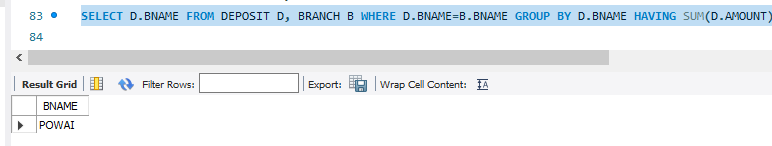
Answers

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;

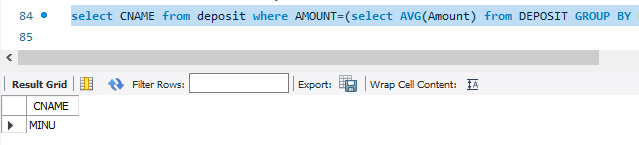


1. List the branches having sum of deposit more than 500 and located in city BOMBAY

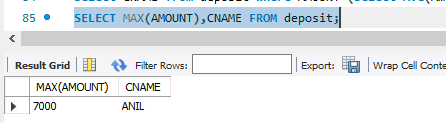
SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE D.BNAME=B.BNAME GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000;

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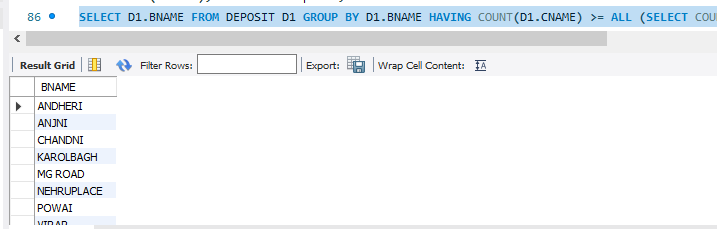
1. List the names of customers having deposited in the branches where the average deposit is more than 5000.

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

1. List the names of customers having maximum deposit SELECT MAX(AMOUNT),CNAME FROM deposit;

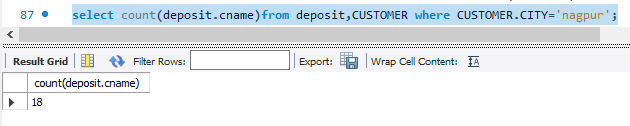


1. List the name of branch having highest number of depositors?

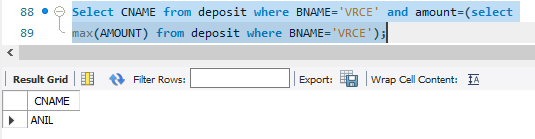
SELECT D1.BNAME FROM DEPOSIT D1 GROUP BY D1.BNAME HAVING COUNT(D1.CNAME) > = ALL (SELECT COUNT (D2.CNAME) FROM DEPOSIT D2 GROUP BY D2.BNAME);

1. Count the number of depositors living in NAGPUR.

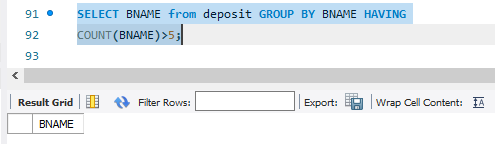
select count(deposit.cname)from deposit,CUSTOMER where CUSTOMER.CITY='nagpur';



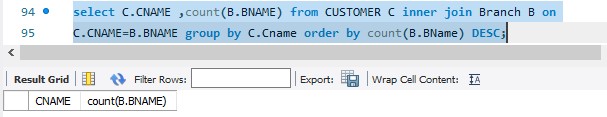
1. Give names of customers in VRCE branch having more deposite than any other customer in same branch

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

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

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

1. 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;

1. 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);

