

ADBMS LAB

Experiment No-08

EXPERIMENT 8 - GROUP BY AND HAVING

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

```
SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE D.BNAME=B.BNAME 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 AND  
B.CITY='BOMBAY' 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.

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

4. List the names of customers having maximum deposit

```
SELECT CNAME,MAX(AMOUNT)"AMOUNT" FROM deposit;
```

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);
```

6. Count the number of depositors living in NAGPUR.

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

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

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

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;
```

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);
```