

ASSIGNMENT

ON

ADBMS LAB

Submitted to

Merin Manoj

MCA Department

Amal Jyothi College of Engineering

Submitted by

Harithakrishnan

MCA S2 A

Rollno: 40

EXPERIMENT NO.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 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');

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);