

## EXPERIMENT NO.8 : 24/05/2021

### 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;

bname
POWAI

#### 2. List the branches having sum of deposit more than 5000 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;

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);

CNAME
MINU

#### 4. List the names of customers having maximum deposit.

SELECT MAX(AMOUNT),CNAME FROM DEPOSIT;

MAX(AMOUNT)	CNAME
7000.00	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);
```

**6. Count the number of depositors living in NAGPUR.**

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

**count(deposit.cname)**

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**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');
```

**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;
```

Empty result

**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;
```

Empty result

#### 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);

**count(b1.bname)**

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