

ADVANCED DBMS LAB**Experiment No.: 7****AIM**

To familiarize with Group by and Having clause.

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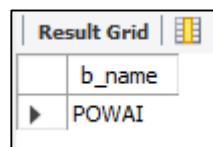
Roll No: 45

Batch: B

Date: 06-05-2022

COMMANDS AND OUTPUT**1. List the branches having sum of deposit more than 5000.**

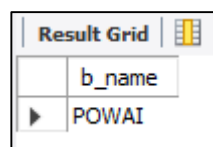
```
SELECT D.b_name FROM DEPOSIT D, BRANCH B WHERE  
D.b_name=B.b_name AND B.city='BOMBAY' GROUP BY D.b_name HAVING  
SUM(D.amount)>5000;
```



b_name
POWAI

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

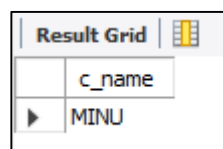
```
SELECT D.b_name FROM DEPOSIT D, BRANCH B WHERE  
D.b_name=B.b_name GROUP BY D.b_name HAVING SUM(D.amount)>5000;
```



b_name
POWAI

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

```
SELECT c_name from deposit where amount=(select AVG(amount) from DEPOSIT  
GROUP BY b_name having AVG(amount)>5000)
```



c_name
MINU

4. List the names of customers having maximum deposit.

```
SELECT MAX(amount),c_name FROM deposit;
```

Result Grid			Filter
	MAX(amount)	c_name	
▶	7000	ANIL	

5. List the name of branch having highest number of depositors.

```
SELECT D1.b_name FROM DEPOSIT D1 GROUP BY D1.b_name HAVING
COUNT(D1.c_name) >= ALL (SELECT COUNT(D2.c_name) FROM DEPOSIT
D2 GROUP BY D2.b_name);
```

Result Grid		Filter
	b_name	
▶	VRCE	
	ANJNI	
	KAROLBAGH	
	CHANDNI	
	MG ROAD	
	ANDHERI	
	VIRAR	
	NEHRU PLACE	
	POWAI	

6. Count the number of depositors living in NAGPUR.

```
SELECT count(deposit.c_name)from deposit,CUSTOMER where
CUSTOMER.city='nagpur';
```

Result Grid			Filter
	count(deposit.c_name)		
▶	18		

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

```
SELECT c_name from deposit where b_name='VRCE' and amount=(select
max(amount) from deposit where b_name='VRCE');
```

Result Grid	
	c_name
▶	ANIL

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

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

Result Grid	
	b_name

9. Give the names of cities in which the maximum number of branches are located.

```
SELECT C.c_name ,count(B.b_name) from CUSTOMER C inner join Branch B on  
C.c_name=B.b_name group by C.c_name order by count(B.b_name) DESC;
```

Result Grid		Filter Rows:
	c_name	count(B.b_name)

10. Count the number of customers living in the city where branch is located.

```
SELECT count(b1.b_name) From deposit d1 , borrow b1 , customer c1 Where  
c1.c_name=d1.c_name and d1.c_name=b1.c_name and c1.city in (select city from  
customer);
```

Result Grid	
	count(b1.b_name)
▶	6