

**ADVANCED DBMS LAB****Experiment No.: 4****Aim**

To familiarize with aggregate functions

**QUESTIONS**

1. List total loan
2. List total deposit
3. List total loan taken from KAROLBAGH branch
4. List total deposit of customers having account date later than 1-Jan-96
5. List total deposit of customers living in city NAGPUR
6. List maximum deposit of customer living in Bombay
7. List total deposit of customer having branch in BOMBAY
8. Count total number of branch cities
9. Count total number of customers cities
10. Give branch names and branch wise deposit
11. Give city wise name and branch wise deposit
12. Give the branch wise loan of customer living in NAGPUR
13. Count total number of customers
14. Count total number of depositors branch wise
15. Count total number of depositors branch wise
16. Give maximum loan from branch VRCE
17. Give the number of customers who are depositors as well as Borrowers

**Name: VYSHNAVI BABAU S**

**Roll No: 55**

**Batch: B**

**Date: 19 -04 -2022**

## PROCEDURE

1. SELECT SUM(AMOUNT) FROM BORROW;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
SUM(AMOUNT)			
17000			

2. SELECT SUM(AMOUNT)FROM DEPOSIT;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
SUM(AMOUNT)			
24200			

3. SELECT MAX(AMOUNT) FROM BORROW WHERE BNAME ='KAROLBAGH';

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
MAX(AMOUNT)			
NULL			

4. SELECT SUM(AMOUNT) from deposit where adate>'1995-03-01';

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
SUM(AMOUNT)			
23200			

5. SELECT SUM(D1.AMOUNT) FROM DEPOSIT D1 , CUSTOMER C1  
WHERE C1.CITY = 'NAGPUR' AND C1.CNAME = D1.CNAME;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
SUM(D1.AMOUNT)			
4200			

6. SELECT MAX(D1.AMOUNT) FROM DEPOSIT D1 , CUSTOMER C1  
WHERE C1.CITY = 'BOMBAY' AND C1.CNAME = D1.CNAME;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
MAX(D1.AMOUNT)			
5000			

7. SELECT SUM(AMOUNT) from deposit,BRANCH where city='BOMBAY';

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
SUM(AMOUNT)			
48400			

8. SELECT COUNT(DISTINCT(CITY)) FROM BRANCH ;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
COUNT(DISTINCT(CITY))			
3			

9. SELECT COUNT(CITY) FROM CUSTOMER;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
count(CITY)			
12			

10. SELECT BNAME , SUM(AMOUNT) FROM DEPOSIT GROUP BY BNAME;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
BNAME	SUM(AMOUNT)		
VRCE	1000		
ANJNI	500		
KAROLBAGH	3500		
CHANDNI	1200		
MG ROAD	3000		
ANDHERI	2000		
VIRAR	1000		
NAHRU PALACE	5000		
POWAI	7000		

11. SELECT C1.CITY , SUM(D1.AMOUNT) FROM CUSTOMER C1 , DEPOSIT D1 WHERE D1.CNAME = C1.CNAME GROUP BY C1.CITY;

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	CITY	SUM(D1.AMOUNT)			
▶	CALCUTTA	1000			
	DELHI	500			
	BARODA	3500			
	NAGPUR	4200			
	SURAT	2000			
	BOMBAY	6000			

12. SELECT BNAME , SUM(AMOUNT) FROM BORROW,CUSTOMER WHERE CITY ='NAGPUR' GROUP BY BNAME;

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	BNAME	SUM(AMOUNT)			
▶	VRCE	4000			
	DHARMAPETH	12000			
	ANDHERI	8000			
	VIRAR	32000			
	NEHRU PALACE	12000			

13. SELECT COUNT(CNAME) FROM CUSTOMER;

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	count(cname)				
▶	12				

14. SELECT BNAME, COUNT(\*) FROM DEPOSIT, CUSTOMER WHERE DEPOSIT.CNAME = CUSTOMER.CNAME GROUP BY BNAME;

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	BNAME	count(*)			
▶	VRCE	1			
	ANJNI	1			
	KAROLBAGH	1			
	CHANDNI	1			
	MG ROAD	1			
	ANDHERI	1			
	VIRAR	1			
	NAHRU PALACE	1			

15. SELECT MAX(AMOUNT) FROM BORROW WHERE BNAME ='VRCE';

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	MAX(AMOUNT)				
▶	1000				

16. SELECT COUNT(DISTINCT (CNAME)) FROM CUSTOMER WHERE CNAME IN ((SELECT CNAME DEPOSITE) IN (SELECT CNAME FROM BORROW));

Result Grid			Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
	count(distinct (CNAME))				
▶	7				