

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

To familiarize with aggregate functions

Name: sruthy chandran

Roll No: 43

Batch: RMCA S2-B

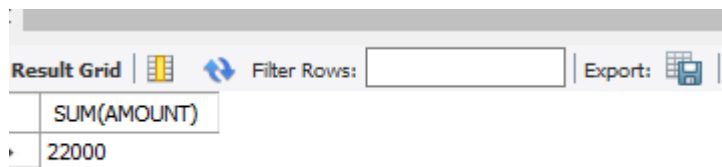
Date: 19-04-2022

QUESTION

- 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

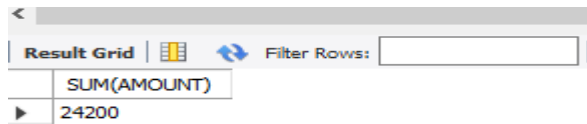
PROCEDURE AND OUTPUT SCREENSHOT

1. SELECT SUM(AMOUNT) FROM BORROW;



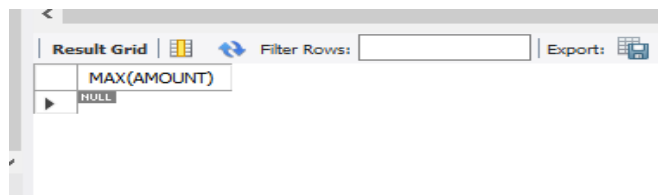
SUM(AMOUNT)
22000

2. SELECT SUM(AMOUNT) FROM DEPOSIT;



SUM(AMOUNT)
24200

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



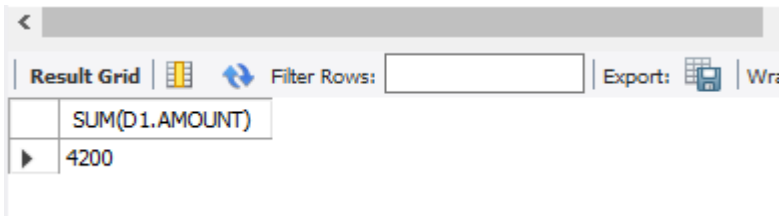
MAX(AMOUNT)
NULL

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



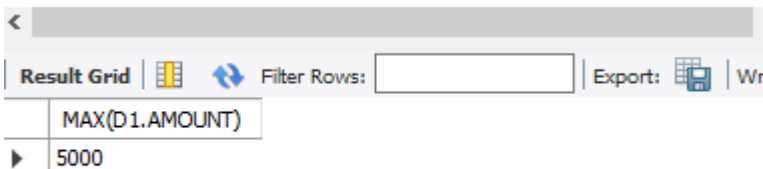
SUM(AMOUNT)
11500

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



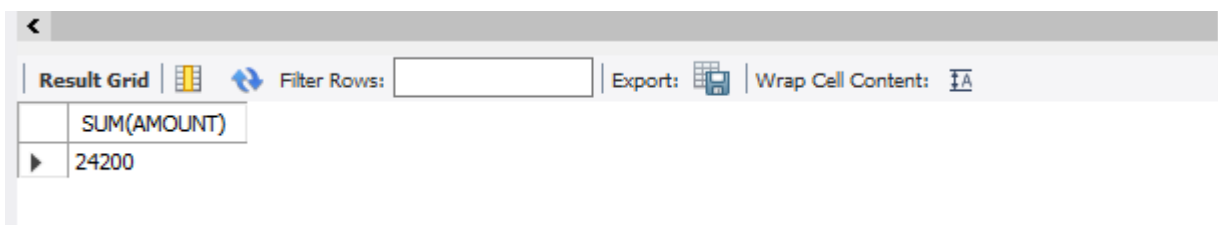
	SUM(D1.AMOUNT)
▶	4200

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



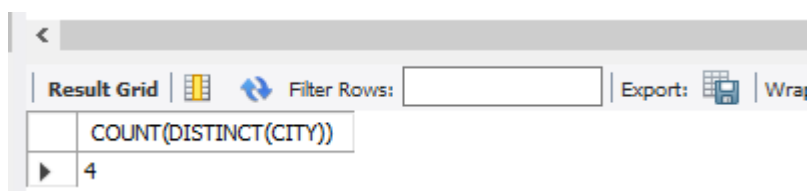
	MAX(D1.AMOUNT)
▶	5000

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



	SUM(AMOUNT)
▶	24200



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




	COUNT(DISTINCT(CITY))
▶	4

9. SELECT count(city) from CUSTOMER;



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

Result Grid		
Filter Rows: <input type="text"/>		
Export:  Wrap Cell Content: 		
	BNAME	SUM(AMOUNT)
▶	VRCE	2000
	AJNI	10000
	DHARAMPETH	6000
	ANDHERI	4000
	VIRAR	16000
	NEHRU PLACE	6000

13. SELECT count(cname) FROM CUSTOMER;

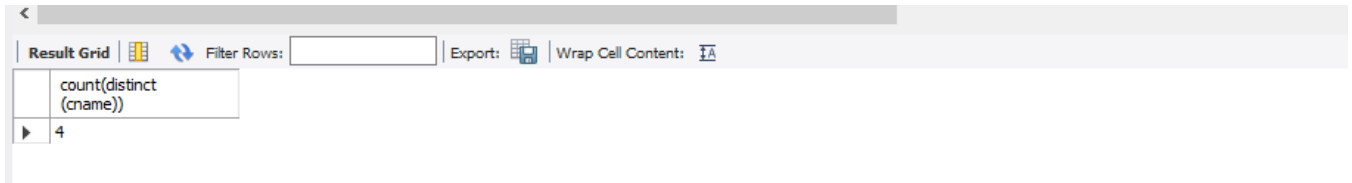
Result Grid	
Filter Rows: <input type="text"/>	
Export: 	
	count(cname)
▶	10

14. select BName, count(*) from DEPOSIT, CUSTOMER where deposit.CNAME =CUSTOMER.CNAME group by BNAME;

Result Grid		
Filter Rows: <input type="text"/>		
Export:  Wrap Cell Content: 		
	BName	count(*)
▶	VRCE	1
	ANJNI	1
	KAROLBAGH	1
	CHANDNI	1
	MG ROAD	1
	ANDHERI	1
	VIRAR	1
	NEHRU PLACE	1

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

16. select count(distinct (cname)) from customer where cname in ((select cname deposit) in (select cname from borrow));



The screenshot shows a database query result grid. The grid has two columns: the first column contains the SQL expression 'count(distinct (cname))' and the second column contains the result value '4'. Above the grid, there is a toolbar with options for 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content'.

count(distinct (cname))
4