ADVANCED DBMS LAB

Experiment No.: 4

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Roll No: 43

Batch: RMCA S2-B

Date: 19-04-2022

Aim

To familiarize with aggregate functions

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;

Result Grid | Filter Rows: | Export:

SUM(AMOUNT)
22000

2. SELECT SUM(AMOUNT) FROM DEPOSIT;

Result Grid | Filter Rows:

SUM(AMOUNT)
24200

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

Result Grid | Filter Rows: | Export:

MAX(AMOUNT)
NULL

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

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

SUM(AMOUNT)
11500

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

Result Grid | Filter Rows: | Export: | Wra

	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: | Wr

	MAX(D1.AMOUNT)
▶	5000

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

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	SUM(AMOUNT)
▶	24200

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

Result Grid | Filter Rows: | Export: | Wra

	COUNT(DISTINCT(CITY))
▶	4

9. SELECT count(city) from CUSTOMER;

Result Grid | Filter Rows: | Export:

	count(city)
▶	10

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
	NEHRU PLACE	5000
	POWAI	7000

11. SELECT C1.CITY , SUM(D1.AMOUNT) FROM CUSTOMER C1 , DEPOSIT D1 WHERE D1.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	2000
AJNI	10000
DHARAMPETH	6000
ANDHERI	4000
VIRAR	16000
NEHRU PLACE	6000

13. SELECT count(cname) FROM CUSTOMER;

Result Grid | Filter Rows: | Export:

count(cname)
10

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
NEHRU PLACE	1

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

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

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	count(distinct (cname))
▶	4