Name: VISHNU VIJAYAKUMAR

ADVANCED DBMS LAB

Experiment No.: 4

Batch: B

Roll No:53

Date: 19 -04 -2022

Aim

To familiarize with aggregate functions

OUESTIONS

- 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

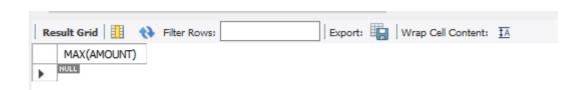
1. SELECT SUM(AMOUNT) FROM BORROW;



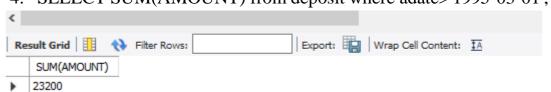
2. SELECT SUM(AMOUNT)FROM DEPOSIT;



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



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



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



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



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



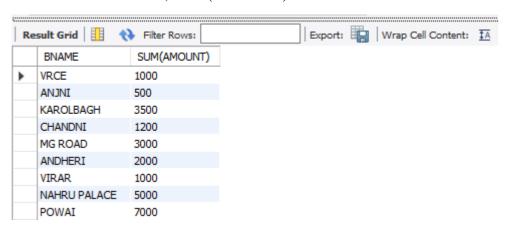
8. SELECT COUNT(DISTINCT(CITY)) FROM BRANCH;



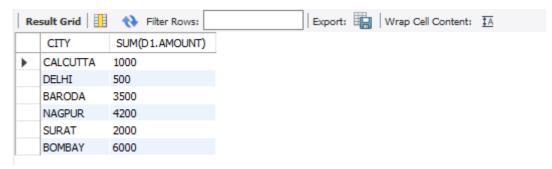
9. SELECT COUNT(CITY) FROM CUSTOMER;



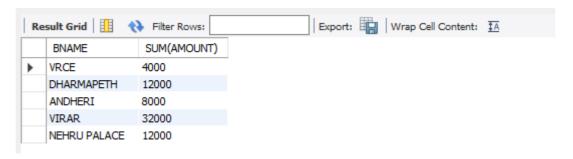
10. SELECT BNAME, SUM(AMOUNT) FROM DEPOSIT GROUP BY BNAME;



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



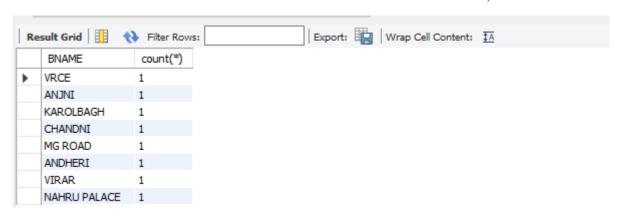
12. SELECT BNAME, SUM(AMOUNT) FROM BORROW, CUSTOMER WHERE CITY ='NAGPUR' GROUP BY BNAME;



13. SELECT COUNT(CNAME) FROM CUSTOMER;



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



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));

