**Name: AKHILA ANAND**

**Roll No:3**

**Batch:RMCA**

**Date:19-04-2022**

**ADVANCED DTABASE MANAGEMENT SYSTEM LAB**

**Experiment No.: 4**

**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

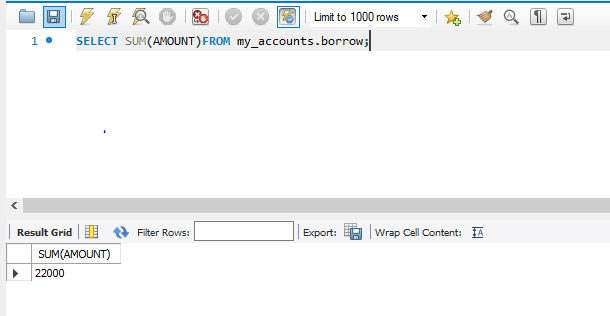
15.Give maximum loan from branch VRCE

16.Give the number of customers who are depositors as well as borrowers

**Procedure &Output Screenshot**

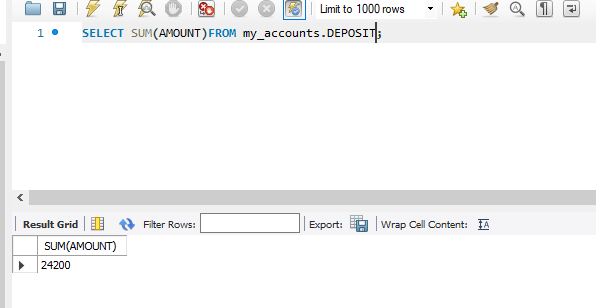
1.

SELECT SUM(AMOUNT)FROM my\_accounts.borrow;



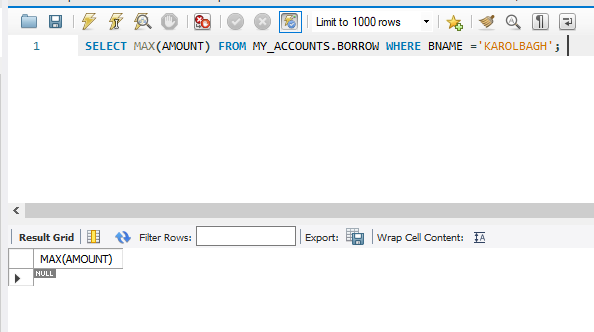
2.

SELECT SUM(AMOUNT)FROM my\_accounts.DEPOSIT;



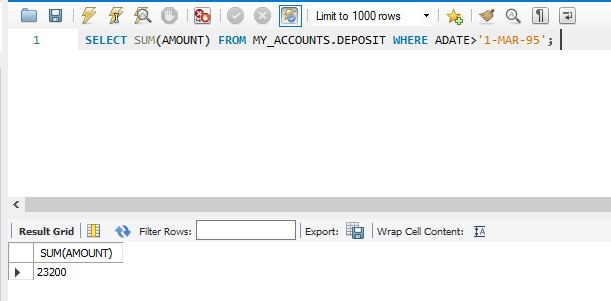
3.

SELECT MAX(AMOUNT) FROM MY\_ACCOUNTS.BORROW WHERE BNAME ='KAROLBAGH';



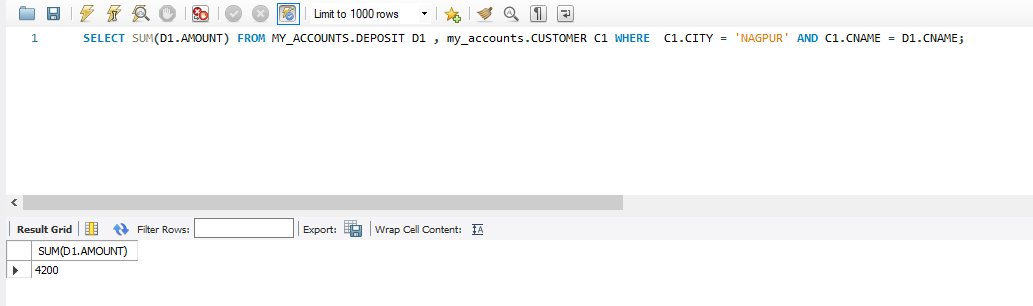
4.

SELECT SUM(AMOUNT) FROM MY\_ACCOUNTS.DEPOSIT WHERE ADATE>'1-MAR-95';



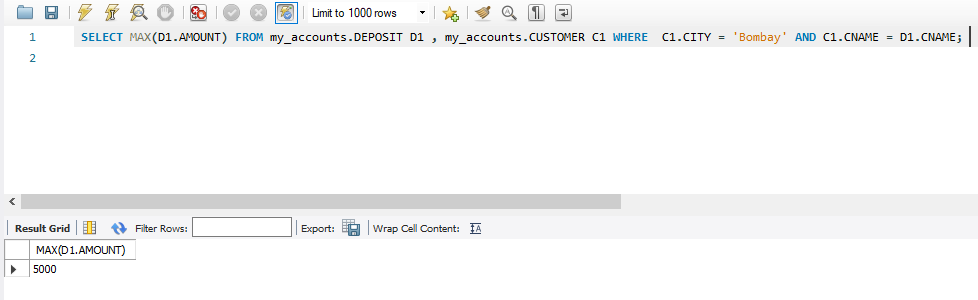
5.

SELECT SUM(D1.AMOUNT) FROM MY\_ACCOUNTS.DEPOSIT D1 , my\_accounts.CUSTOMER C1 WHERE C1.CITY = 'NAGPUR' AND C1.CNAME = D1.CNAME;



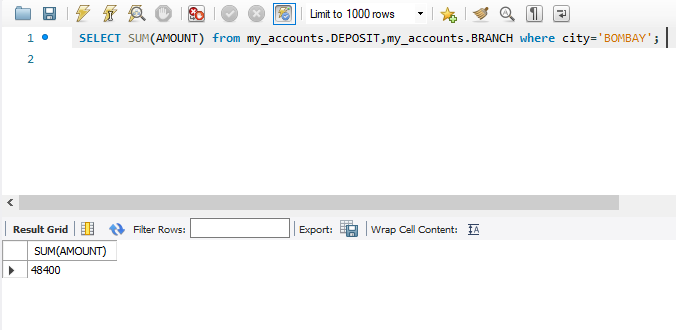
6.

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



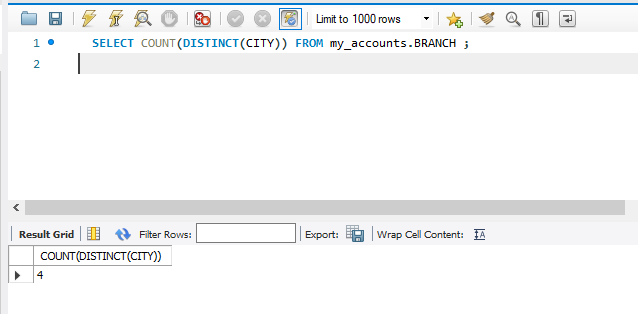
7.

SELECT SUM(AMOUNT) from my\_accounts.DEPOSIT,my\_accounts.BRANCH where city='BOMBAY';



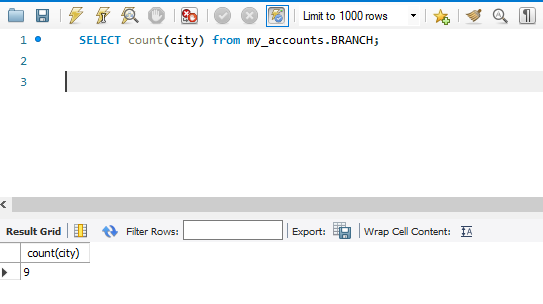
8.

SELECT COUNT(DISTINCT(CITY)) FROM my\_accounts.BRANCH ;



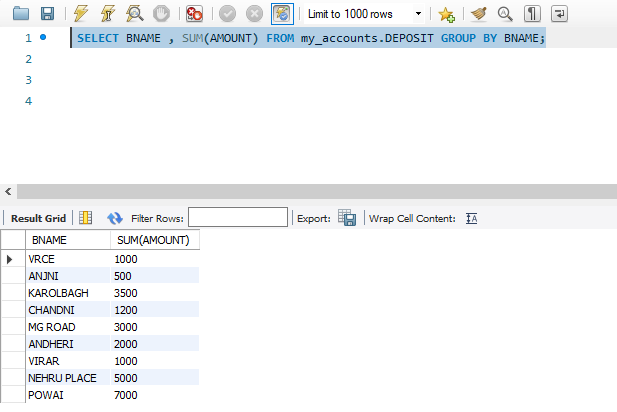
9.

SELECT count(city) from my\_accounts.BRANCH;



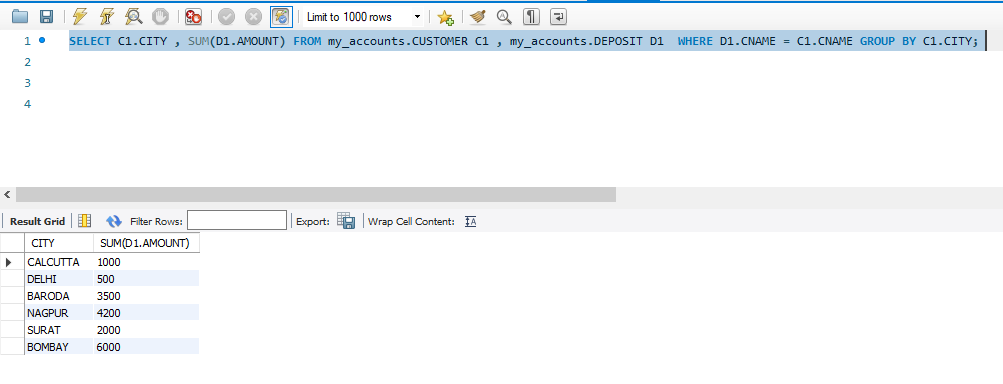
10.

SELECT BNAME , SUM(AMOUNT) FROM my\_accounts.DEPOSIT GROUP BY BNAME;



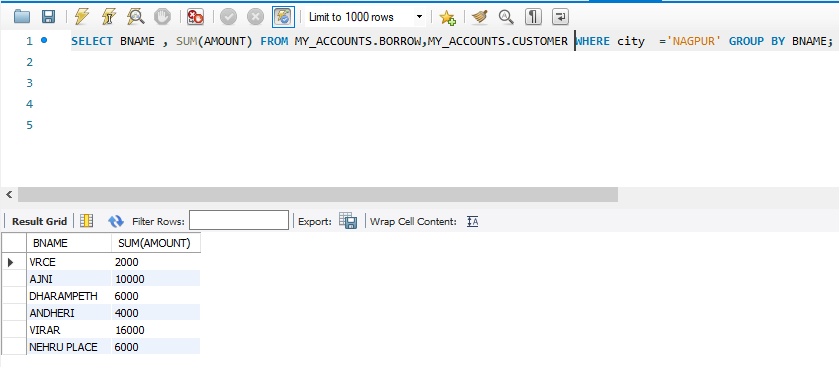
11.

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



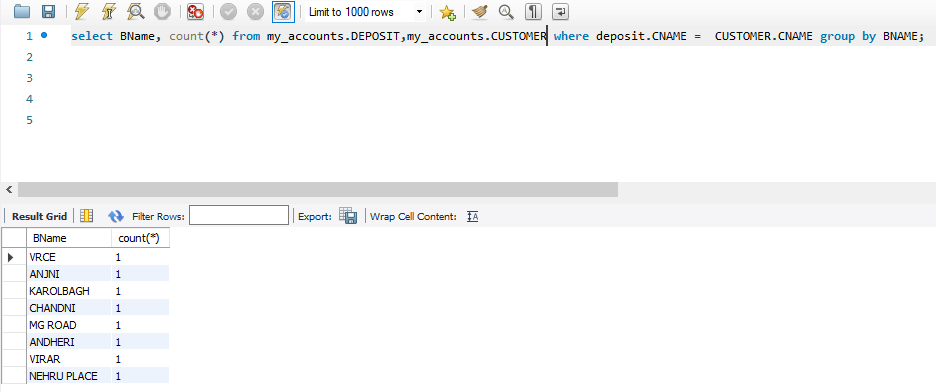
12.

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



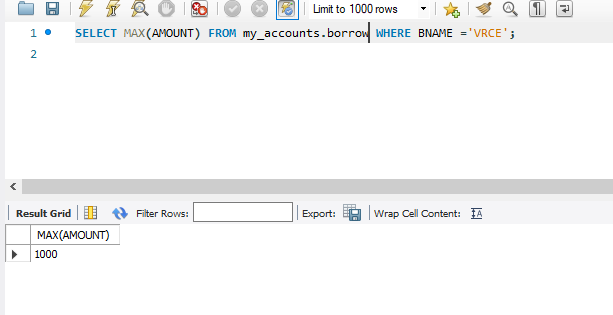
13.

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



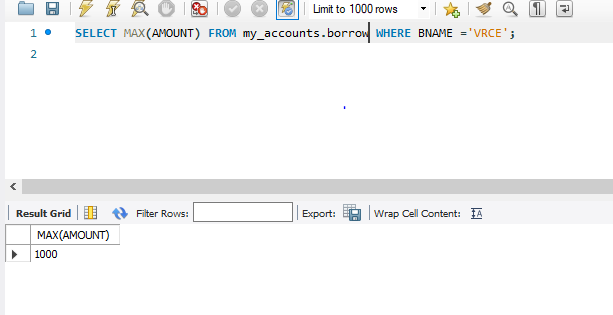
14.

SELECT MAX(AMOUNT) FROM my\_accounts.borrow WHERE BNAME ='VRCE';



15.

SELECT MAX(AMOUNT) FROM my\_accounts.borrow WHERE BNAME ='VRCE';



16.

SELECT COUNT(DISTINCT (CNAME)) FROM MY\_ACCOUNTS.CUSTOMER WHERE

CNAME IN ((SELECT CNAME DEPOSIT) IN (SELECT CNAME FROM MY\_ACCOUNTS.BORROW));

