**Name:Jobin t j**

**Roll No: 7**

**Batch: RMCA B**

**Date:19/04/2022**

**ADVANCED DATABASE 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

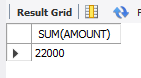
14.Count total number of depositors branch wise

15.Give maximum loan from branch VRCE

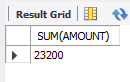
16.Give the number of customers who are depositors as well as borrowers

**PROCEDURE AND OUTPUT**

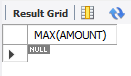
1.SELECT SUM(AMOUNT) FROM CUSTDB.BORROW;



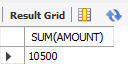
2. SELECT SUM(AMOUNT) FROM DEPOSIT;



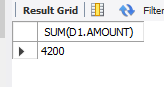
3. SELECT MAX(AMOUNT) FROM BORROW WHERE BNAME ='KAROLBAGH';



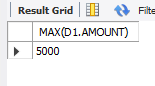
4.SELECT SUM(AMOUNT) from deposit where adate>'1995-03-01';



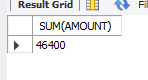
5. SELECT SUM(D1.AMOUNT) FROM DEPOSIT D1 , CUSTOMER C1 WHERE  C1.CITY = 'NAGPUR' AND C1.CNAME = D1.CNAME;



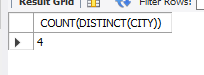
6. SELECT MAX(D1.AMOUNT) FROM DEPOSIT D1 , CUSTOMER C1 WHERE  C1.CITY = 'Bombay' AND C1.CNAME = D1.CNAME;



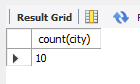
7. SELECT SUM(AMOUNT) from deposit,BRANCH where city='BOMBAY';



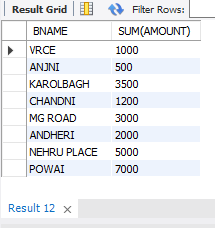
8.  SELECT COUNT(DISTINCT(CITY)) FROM BRANCH ;



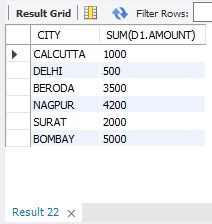
9. SELECT count(city) from CUSTOMERS;



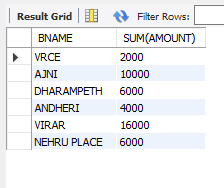
10.  SELECT BNAME , SUM(AMOUNT) FROM DEPOSIT GROUP BY BNAME;



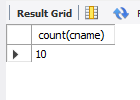
11. SELECT C1.CITY , SUM(D1.AMOUNT) FROM CUSTOMERS C1 , DEPOSIT D1 WHERE D1.CNAME = C1.CNAME GROUP BY C1.CITY;



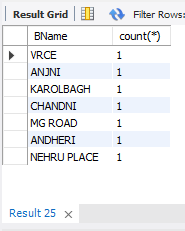
12. SELECT BNAME , SUM(AMOUNT) FROM BORROW,CUSTOMER WHERE city  ='NAGPUR' GROUP BY BNAME;



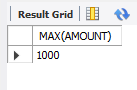
13. SELECT count(cname) from CUSTOMERS;



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

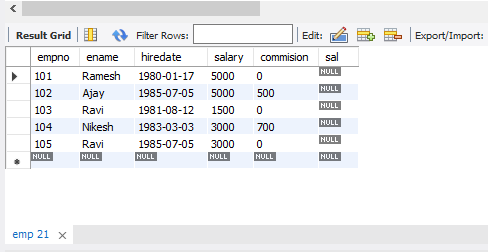


15.  SELECT MAX(AMOUNT) FROM BORROW WHERE BNAME ='VRCE';

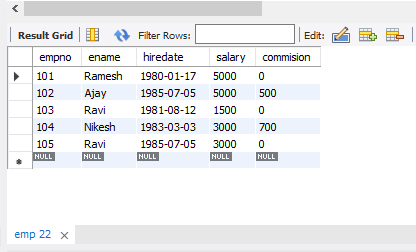


16.

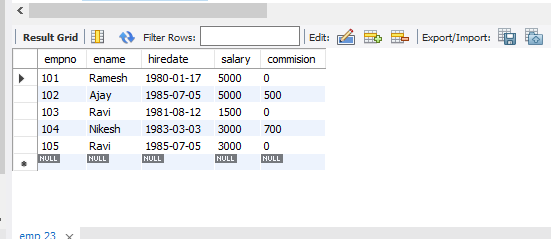
ALTER TABLE EMP ADD SAL INT;



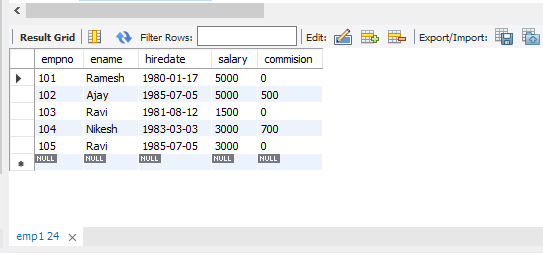
ALTER TABLE EMP DROP COLUMN SAL;



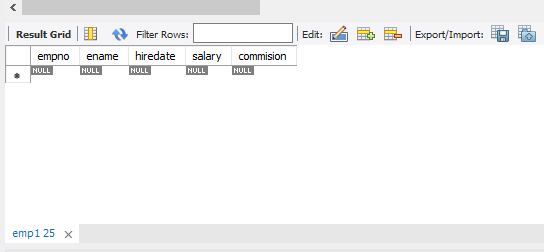
ALTER TABLE EMP MODIFY ENAME VARCHAR(15);



RENAME TABLE EMP TO EMP1;



TRUNCATE TABLE EMP1;

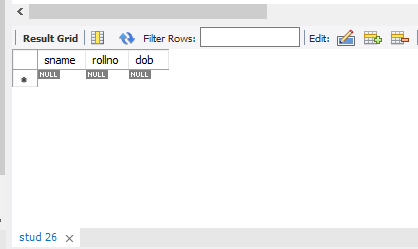


DROP TABLE EMP1;



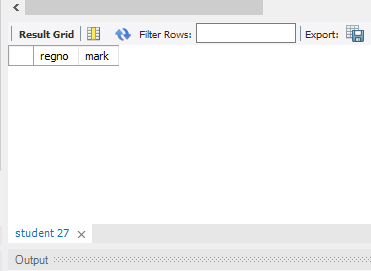
CREATE TABLE STUD(SNAME VARCHAR(20) PRIMARY KEY, ROLLNO INT NOT NULL, DOB DATE  NOT NULL);

SELECT \* FROM STUD;



CREATE TABLE STUDENT (REGNO INT, MARK INT(3) CONSTRAINT B CHECK (MARK >=0 AND MARK <=100));

SELECT \* FROM STUDENT;



CREATE TABLE CUST(CUSTID NUMBER(6) UNIQUE, NAME CHAR(10));

