ADVANCED DBMS LAB

Experiment No.: 4

Aim

To familiarize with aggregate functions

Name: JUSTIN V KALAPPURA

Roll No:10

Batch: MCA REGULAR

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. Give maximum loan from branch VRCE.
- 16. Give the number of customers who are depositors as well as borrowers.

PROCEDURE

1.List total loan.

82 • SELECT SUM(AMOUNT) FROM BORROW;

2.List total deposit.

83 • SELECT SUM(AMOUNT) FROM DEPOSIT;

3.List total loan taken from KAROLBAGH branch.

```
84 • SELECT MAX(AMOUNT) FROM BORROW WHERE BNAME = 'KAROLBAGH';
```

4.List total deposit of customers having account date later than 1-Jan-96.

```
85 • SELECT SUM(AMOUNT) from deposit where adate>'1995-03-01';
```

5.List total deposit of customers living in city NAGPUR.

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

6.List maximum deposit of customer living in Bombay.

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

7.List total deposit of customer having branch in BOMBAY.

```
88 • SELECT SUM(AMOUNT) from deposit, BRANCH where city='BOMBAY';
```

8. Count total number of branch cities.

```
89 • SELECT COUNT(DISTINCT(CITY)) FROM BRANCH;
```

9. Count total number of customers cities.

```
90 • SELECT count(city) from CUSTOMER;
```

10. Give branch names and branch wise deposit.

```
91 • SELECT BNAME , SUM(AMOUNT) FROM DEPOSIT GROUP BY BNAME;
```

11. Give city wise name and branch wise deposit.

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

12. Give the branch wise loan of customer living in NAGPUR.

```
93 • SELECT BNAME , SUM(AMOUNT) FROM BORROW, CUSTOMER WHERE city = 'NAGPUR' GROUP BY BNAME;
```

13. Count total number of customers.

```
94 • SELECT count(cname) from CUSTOMER;
```

14. Count total number of depositors branch wise.

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

15. Give maximum loan from branch VRCE.

```
96 • SELECT MAX(AMOUNT) FROM BORROW WHERE BNAME ='VRCE';
```

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

```
98 • SELECT count(DEPOSIT.CNAME) FROM DEPOSIT WHERE CNAME IN (SELECT CNAME FROM BORROW);
```

Output Screenshot

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.



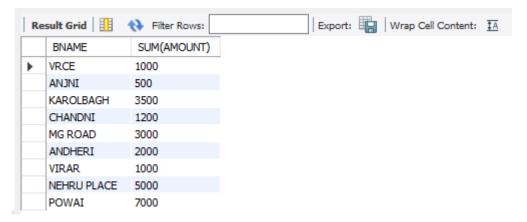
8. Count total number of branch cities.



9. Count total number of customers cities.



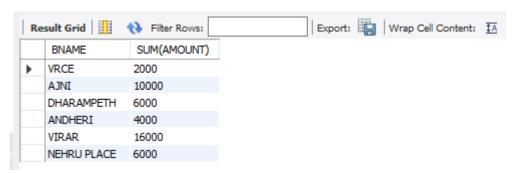
10. Give branch names and branch wise deposit.



11. Give city wise name and branch wise deposit.



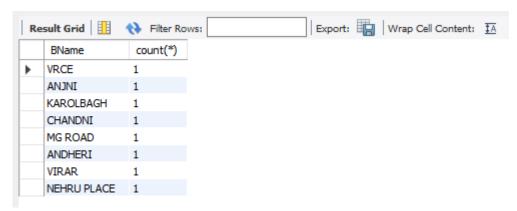
12. Give the branch wise loan of customer living in NAGPUR.



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.

