

EXPERIMENT NO.5 : AGGREGATE FUNCTIONS

/*1.List total loan*/

```
SELECT SUM (AMOUNT) FROM BORROW;
```

/*2.List total deposit*/

```
SELECT SUM (AMOUNT) FROM DEPOSIT;
```

/*3.List total loan taken from KAROLBAGH branch*/

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

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

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

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

```
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*/

```
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*/

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

/* 8.Count total number of branch cities*/

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

/*9.Count total number of customers cities*/

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

```
/* 10.Give branch names and branch wise deposit*/
```

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

```
/*11.Give city wise name and branch wise deposit*/
```

```
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*/
```

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

```
/*13.Count total number of customers*/
```

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

```
/*14.Count total number of depositors branch wise*/
```

```
SELECT BName, count (*)from DEPOSIT, CUSTOMER where deposit.CNAME = CUSTOMER.CNAME group  
by BNAME
```

```
/*15.Count total number of depositors branch wise*/
```

```
SELECT BName, count (*)from DEPOSIT, CUSTOMER where deposit.CNAME = CUSTOMER.CNAME group  
by BNAME
```

```
/*16.Give maximum loan from branch VRCE*/
```

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

```
/*17.Give the number of customers who are depositors as well as borrowers*/
```

```
SELECT COUNT(DISTINCT (CNAME)) FROM CUSTOMER WHERE CNAME IN ((SELECT CNAME FROM  
DEPOSIT) INTERSECT (SELECT CNAME FROM BORROW));
```

