# Assignment 6

**1) List total Loan**

```
MySQL>SELECT SUM(AMOUNT) FROM BORROW;
+-------------+
| SUM(AMOUNT) |
+-------------+
|      265000 |
+-------------+
1 row in set (0.002 sec)
```

**2) List total deposit**

```
MySQL>SELECT SUM(AMOUNT) FROM DEPOSIT;
+-------------+
| SUM(AMOUNT) |
+-------------+
|       72300 |
+-------------+
1 row in set (0.001 sec)
```

**3) List Maximum deposit of Customer living in Mumbai.**

```
MySQL>SELECT MAX(ACCOUNT_BALANCE) FROM CUSTOMER WHERE ADDRESS = 'Mumbai';
+----------------------+
| MAX(ACCOUNT_BALANCE) |
+----------------------+
|                25000 |
+----------------------+
1 row in set (0.002 sec)
```

**4) Count total number of branch cities.**

```
MySQL> SELECT COUNT(BRANCH_NAME) FROM BRANCH;
+--------------------+
| COUNT(BRANCH_NAME) |
+--------------------+
|                  8 |
+--------------------+
1 row in set (0.002 sec)
```

**5) List branch_id and branch wise deposit.**

```
MySQL> SELECT * FROM DEPOSIT GROUP BY BRANCH_ID;
+------------+---------+--------+-----------+------------+
| ACC_NUMBER | CUST_ID | AMOUNT | BRANCH_ID | OPEN_DATE  |
+------------+---------+--------+-----------+------------+
| 11111      | Shreyas |   1000 | 1         | 2016-05-11 |
| 01111      | Piyush  |  10000 | 2         | 2019-07-01 |
| 01115      | Ankit   |  10000 | 3         | 2019-07-17 |
| 01315      | Aditya  |   5000 | 4         | 2017-07-17 |
| 11315      | Patil   |    500 | 5         | 2019-07-17 |
| 11415      | Yash    |   6900 | 6         | 2019-07-20 |
| 24356      | Nilesh  |   7900 | 7         | 2018-03-14 |
| 24355      | Shubham |  20000 | 8         | 2018-11-14 |
+------------+---------+--------+-----------+------------+
8 rows in set (0.002 sec)
```

**6) List branches having sum deposit more than 4000.**

```
MySQL> SELECT BRANCH_NAME FROM BRANCH B, DEPOSIT D WHERE D.AMOUNT > 4000 AND D.BRANCH_ID=B.ID;
+-------------+
| BRANCH_NAME |
+-------------+
| AKURDI STN  |
```

```
| NAGPUR CIT  |
| NIGDI MAIN  |
| NASHIK ROA  |
| MUMBAI MAI  |
| JALGAON MA  |
| AKURDI STN  |
+-------------+
7 rows in set (0.002 sec)
```

**7)  List names of customer having minimum deposit.**

```
MySQL> SELECT CUST_ID FROM DEPOSIT WHERE AMOUNT = (SELECT MIN(AMOUNT) FROM DEPOSIT);
+---------+
| CUST_ID |
+---------+
| Patil   |
+---------+
1 row in set (0.001 sec)
```

**8)  Count number of depositors living in 'Nagpur'**

```
MySQL> SELECT COUNT(CUST_ID) FROM DEPOSIT WHERE BRANCH_ID = 3;
+----------------+
| COUNT(CUST_ID) |
+----------------+
|              1 |
+----------------+
1 row in set (0.002 sec)
```

**9)  Find number of depositors in Akurdi branch.**

```
MySQL> SELECT COUNT(CUST_ID) FROM DEPOSIT WHERE BRANCH_ID = 2;
+----------------+
| COUNT(CUST_ID) |
+----------------+
|              2 |
+----------------+
```

**10)  Find out number of customer living in Pune.**

```
MySQL>SELECT COUNT(*) FROM CUSTOMER WHERE ADDRESS = 'PUNE';
+----------+
| COUNT(*) |
+----------+
|        3 |
+----------+
1 row in set (0.001 sec)
```

**11)  Find out customer who are not living in Pune or Mumbai.**

```
MySQL>SELECT * FROM CUSTOMER WHERE ADDRESS != 'PUNE' AND ADDRESS != 'MUMBAI';
+---------+-----------+-----------------+-----------------+----------------------+
| CUST_ID | CUST_NAME | ADDRESS         | ACCOUNT_BALANCE | ACCOUNT_OPENING_DATE |
+---------+-----------+-----------------+-----------------+----------------------+
|       2 | Anil      | Akurdi          |          500000 | 2019-07-30           |
|       3 | Piyush    | Nagpur          |           10000 | 2019-07-22           |
|       4 | Aditya    | Nigdi           |          200000 | 2019-07-19           |
|       7 | Yash      | Pimpri Chinchwa |           90000 | 2019-05-29           |
|       8 | Shubham   | Jalgaon         |           30000 | 2019-01-29           |
|      10 | Nilesh    | Nashik          |            1000 | 2019-09-29           |
+---------+-----------+-----------------+-----------------+----------------------+
6 rows in set (0.001 sec)
```

**12)  List cust_id and name in descending order of their name.**

```
MySQL> SELECT CUST_ID, CUST_NAME FROM CUSTOMER ORDER BY CUST_NAME DESC;
+---------+-----------+
| CUST_ID | CUST_NAME |
+---------+-----------+
```

```
|       7 | Yash      |
|       9 | Varun     |
|       8 | Shubham   |
|       1 | Shreyas   |
|       3 | Piyush    |
|       6 | Patil     |
|      10 | Nilesh    |
|       5 | Ankit     |
|       2 | Anil      |
|       4 | Aditya    |
+---------+-----------+
```

**13) List the number of depositors branch wise.**

```
MySQL> SELECT COUNT(*) FROM DEPOSIT GROUP BY BRANCH_ID;
+----------+
| COUNT(*) |
+----------+
|        1 |
|        2 |
|        1 |
|        1 |
|        1 |
|        1 |
|        1 |
|        1 |
+----------+
8   rows in set (0.002 sec)
```

**14) Find out the branch which has not borrowers.**

```
MySQL> SELECT BRANCH_NAME FROM BRANCH WHERE ID NOT IN (SELECT BRANCH_ID FROM BORROW);
+-------------+
| BRANCH_NAME |
+-------------+
| NIGDI MAIN  |
| PCMC MAIN   |
| NASHIK ROA  |
| JALGAON MA  |
| MUMBAI MAI  |
+-------------+
```

**15) How many customers opened deposit after '01-01-2016'**

```
MySQL> SELECT COUNT(*) FROM DEPOSIT WHERE OPEN_DATE > '01-01-2016';
+----------+
| COUNT(*) |
+----------+
|        9 |
+----------+
1 row in set, 1 warning (0.002 sec)
```