# MYSQL Assignment No:2

#### 1) Insert minimum 10 rows on each table and display that data

- mysql> CREATE DATABASE Saranya;
   Query OK, 1 row affected (0.01 sec)
- mysql> USE Saranya;
   Database changed
- mysql> CREATE TABLE CUSTOMER(Cust\_id INT PRIMARY KEY, C\_name VARCHAR(15), City VARCHAR(20)); Query OK, 0 rows affected (0.07 sec)
- mysql> DESCRIBE CUSTOMER;

Field	Туре	Null   Ke	y   Default	Extra
Cust_id     C_name     City	int varchar(15) varchar(20)	NO	I   NULL   NULL   NULL	

3 rows in set (0.01 sec)

- mysql> INSERT INTO CUSTOMER(Cust\_id, C\_name, City) VALUES(1,"Saranya","Idukki"),
   (2,"Anjali","Palakkad"),(3,"Gopika","Kozhikode"),(4,"Parvathi","Palakkad"),
   (5,"Renu","Malappuram"),(6,"Sethu","Pathanamthitta"),(7,"Aparna","Kozhikode"),
   (8,"Anil","Idukki"),(9,"Revathi","Eranakulam"),(10,"Amala","Eranakulam");
   Query OK, 10 rows affected (0.04 sec)
   Records: 10 Duplicates: 0 Warnings: 0
- mysql> SELECT \* FROM CUSTOMER;

+	+	++
Cust_id	C_name	City
1   2   3   4   5   6   7   8   9	Saranya   Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Anil   Revathi   Amala	Idukki   Palakkad   Kozhikode   Palakkad   Malappuram   Pathanamthitta   Kozhikode   Idukki   Eranakulam
	,	,

10 rows in set (0.01 sec)

- mysql> CREATE TABLE BRANCH(Branch\_id INT PRIMARY KEY, B\_name VARCHAR(25), City VARCHAR(20)); Query OK, 0 rows affected (0.06 sec)
- mysql> DESCRIBE BRANCH;

Field	Туре	Null	Key	Default	Extra
Branch_id     B_name     City		NO	PRI     	NULL NULL NULL	

3 rows in set (0.01 sec)

→ mysql> INSERT INTO BRANCH(Branch\_id, B\_name, City) VALUES(1, "Aroor", "Kochi"), (2, "Vaikom", "Kottayam"), (4, "Kaloor", "Eranakulam"), (7, "Alappuzha", "Kuttanad"), (6, "Cherthala", "Pallipuram"), (5, "Nedumkandam", "Idukki"), (14, "Mundakkayam", "Kottayam"), (12, "Edappaly", "Kollam"), (8, "Kaladi", "Thrissur"), (9, "Kattapana", "Idukki");

```
Query OK, 10 rows affected (0.01 sec)
Records: 10 Duplicates: 0 Warnings: 0
mysql> SELECT * FROM BRANCH;
| Branch_id | B_name | City |
          1 | Aroor | Kochi
2 | Vaikom | Kottayam
4 | Kaloor | Eranakulam
           5 | Nedumkandam | Idukki
         6 | Cherthala | Pallipuram
7 | Alappuzha | Kuttanad
8 | Kaladi | Thrissur
9 | Kattapana | Idukki
12 | Edappaly | Kollam
          14 | Mundakkayam | Kottayam
    -----+
10 rows in set (0.00 sec)
mysql> CREATE TABLE DEPOSIT(Acc_no VARCHAR(15), Cust_id INT, Amount INT, Branch_id
INT, Open_date DATE, FOREIGN KEY (Cust_id) REFERENCES CUSTOMER (Cust_id), FOREIGN
KEY (Branch_id) REFERENCES BRANCH (Branch_id));
Query OK, 0 rows affected (0.11 sec)
mysql> DESCRIBE DEPOSIT;
+----+
| Field | Type | Null | Key | Default | Extra |
+----+
5 rows in set (0.01 sec)
mysql> INSERT INTO DEPOSIT (Acc_no, Cust_id, Amount, Branch_id, Open_date)
    -> ('0732108020299', 1, 40500, 1, '2018-01-21'),
    -> ('0732108020292', 5, 31000, 6, '2009-07-12'),
-> ('0732108020293', 4, 50000, 5, '2010-03-23'),
-> ('0732108020294', 2, 60000, 2, '2005-08-20'),
    -> ('0732108020295', 9, 8000, 12, '2000-05-25'),
-> ('0732108020296', 7, 6300, 8, '2007-06-26'),
-> ('0732108020297', 10, 900, 14, '2008-07-27'),
          ('0732108020298', 8, 56600, 9, '2009-08-28'),
    ->
    -> ('0732108020291', 3, 10000, 4, '2010-09-29'),
-> ('0732108020210', 6, 400, 7, '2011-10-30');
Query OK, 10 rows affected (0.01 sec)
Records: 10 Duplicates: 0 Warnings: 0
mysql> SELECT * FROM DEPOSIT;
+----+

    | 0732108020299 |
    1 | 40500 |
    1 | 2018-01-21 |

    | 0732108020292 |
    5 | 31000 |
    6 | 2009-07-12 |

    | 0732108020293 |
    4 | 50000 |
    5 | 2010-03-23 |

    | 0732108020294 |
    2 | 60000 |
    2 | 2005-08-20 |

    | 0732108020295 |
    0 | 8000 |
    13 | 3000 |

                                              2 | 2005-08-20
12 | 2000-05-25
8 | 2007-06-26
14 | 2008-07-27
10 rows in set (0.01 sec)
```

- mysql> CREATE TABLE BORROW(Loan\_no INT, Cust\_id INT, Branch\_id INT, Amount INT, FOREIGN KEY (Cust\_id) REFERENCES CUSTOMER (Cust\_id), FOREIGN KEY (Branch\_id) REFERENCES BRANCH (Branch\_id)); Query OK, 0 rows affected (0.10 sec)
- mysql> DESCRIBE BORROW;

4 rows in set (0.00 sec)

- mysql> INSERT INTO BORROW(Loan\_no, Cust\_id, Branch\_id, Amount)
  VALUES(109,10,14,900),(205,1,1,40500),(34,5,6,31000),(22,6,7,400),(12,3,4,10000),
  (2,8,9,56600),(67,7,8,6300),(5,9,12,8000),(78,2,2,60000),(44,8,9,56600);
  Query OK, 10 rows affected (0.01 sec)
  Records: 10 Duplicates: 0 Warnings: 0
- mysql> SELECT \* FROM BORROW;

+		<b>-</b>	<del>-</del>	<b></b>
į	Loan_no	Cust_id	Branch_id	Amount
+	109 205 34 22	10   1   5   6	14   1   6   7	900     40500     31000     400
	12 2 67	3   8   7	4   9   8   12	10000     56600     6300
+	5 78 44	9   2   8	12   2   9	8000     60000     56600

10 rows in set (0.01 sec)

# List Cust\_id along with customer name

mysql> SELECT \* FROM CUSTOMER;

+		++
Cust_id	C_name	City
1   2   3   4   5   6   7   8   9	Saranya   Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Anil   Revathi   Amala	Idukki   Palakkad   Kozhikode   Palakkad   Malappuram   Pathanamthitta     Kozhikode   Idukki   Eranakulam

mysql> SELECT Cust\_id, C\_name FROM CUSTOMER;
+-----+
| Cust\_id | C\_name |
+----+
1	Saranya
2	Anjali
3	Gopika
4	Parvathi
5	Renu
6	Sethu
7	Aparna
8	Anil
9	Revathi
10	Amala
+-----+
10 rows in set (0.00 sec)

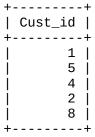
# 3) List Cust\_id of customers having amount greater than 10000

• mysql> SELECT \* FROM DEPOSIT;

0732108020299   1   40500   1   2018-01-2   0732108020292   5   31000   6   2009-07-1   0732108020293   4   50000   5   2010-03-2   0732108020294   2   60000   2   2005-08-2   0732108020295   9   8000   12   2000-05-2   0732108020296   7   6300   8   2007-06-2   0732108020297   10   900   14   2008-07-2   0732108020298   8   56600   9   2009-08-2   0732108020291   3   10000   4   2010-09-2	+		+	+	++
0732108020292         5   31000         6   2009-07-1           0732108020293         4   50000         5   2010-03-2           0732108020294         2   60000         2   2005-08-2           0732108020295         9   8000         12   2000-05-2           0732108020296         7   6300         8   2007-06-2           0732108020297         10   900         14   2008-07-2           0732108020298         8   56600         9   2009-08-2           0732108020291         3   10000         4   2010-09-2	Acc_no	Cust_id	Amount	Branch_id	Open_date
0732108020210	0732108020292   0732108020293   0732108020294   0732108020295   0732108020296   0732108020297   0732108020298   0732108020291	5 4 2 9 7 10 8 3	31000   50000   60000   8000   6300   900   56600   10000	5   5   2   12   8   14	2018-01-21     2009-07-12     2010-03-23     2005-08-20     2000-05-25     2007-06-26     2008-07-27     2009-08-28     2010-09-29
+	0732108020210	6	400 +	7 +	2011-10-30   +

10 rows in set (0.01 sec)

♦ mysql> SELECT Cust\_id FROM DEPOSIT WHERE Amount > 10000;



5 rows in set (0.00 sec)

#### 4) List account date of customer 'Anil'

mysql> SELECT \* FROM CUSTOMER;

++	+	+
Cust_id	C_name	City
+	Saranya   Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Anil   Revathi   Amala	Idukki   Palakkad   Kozhikode   Palakkad   Malappuram   Pathanamthitta   Kozhikode   Idukki   Eranakulam
++	+	+

mysql> SELECT \* FROM DEPOSIT; 
 | 0732108020299 |
 1 | 40500 |
 1 | 2018-01-21 |

 | 0732108020292 |
 5 | 31000 |
 6 | 2009-07-12 |

 | 0732108020293 |
 4 | 50000 |
 5 | 3010-03-23 |
 6 | 2009-07-12 4 | 50000 | 2 | 60000 | 0732108020294 | 2 | 60000 | 0732108020295 | 9 | 8000 | 0732108020296 | 7 | 6300 | 0732108020297 | 10 | 900 | 0732108020298 | 8 | 56600 | 0732108020291 | 2 | 0732100000 | 0732108020293 | 5 | 2010-03-23 2 | 2005-08-20 12 | 2000-05-25 8 | 2007-06-26 14 | 2008-07-27 | 0732108020294 | | 0732108020295 | 0732108020296 9 | 2009-08-28 4 | 2010-09-29 | 0732108020291 | 7 | 2011-10-30 | +----10 rows in set (0.00 sec)

#### 5) List Cust\_id of customers who have opened account after 01/01/2016

• mysql> SELECT \* FROM DEPOSIT;

Acc_no	Cust_id	Amount	Branch_id	Open_date
+	 1	+ l 40500	+	+   2018-01-21
0732108020293	5	31000	I 6	2009-07-12
0732108020293	4	50000	5	2010-03-23
0732108020294	2	60000	2	2005-08-20
0732108020295	9	8000	12	2000-05-25
0732108020296	7	6300	8	2007-06-26
0732108020297	10	900	14	2008-07-27
0732108020298	8	56600	9	2009-08-28
0732108020291	3	10000	4	2010-09-29
0732108020210	6	400	7	2011-10-30

10 rows in set (0.00 sec)

mysql> SELECT Cust\_id FROM DEPOSIT WHERE Open\_date > '2016-01-01';
+-----+
| Cust\_id |
+-----+
| 1 |
1 row in set (0.00 sec)

# 6) List account no. and Cust\_id of customers having amount between 40,000 and 80,000

mysql> SELECT \* FROM DEPOSIT;

_	L	L	L	L	L	L
_	Acc_no	Cust_id	Amount	Branch_id	Open_date	
-	0732108020299   0732108020292   0732108020293   0732108020294   0732108020295   0732108020296	1   5   4   2   9   7	40500   31000   50000   60000   8000   6300	1   6   5   2   12	2018-01-21     2009-07-12     2010-03-23     2005-08-20     2000-05-25     2007-06-26	<b></b>
	0732108020297   0732108020298	10   8	900   56600	14   9	2008-07-27     2009-08-28	i
	0732108020291 0732108020210	] 3   6	10000   400	4   7	2010-09-29     2011-10-30	
-	+	+	+	+	+	⊢

10 rows in set (0.00 sec)

◆ mysql> SELECT Acc\_no, Cust\_id FROM DEPOSIT WHERE Amount BETWEEN 40000 AND 80000;

<del>_</del>	L <del>_</del>
Acc_no	Cust_id
0732108020299   0732108020293   0732108020294   0732108020298	1   4   2   8
+	+ - <i></i> +

4 rows in set (0.00 sec)

#### 7) List customer name starting with 'S'

mysql> SELECT \* FROM CUSTOMER;

++	+	+
Cust_id	C_name	City
+	Saranya Anjali Gopika Parvathi Renu Sethu Aparna Anil	Idukki   Palakkad   Kozhikode   Palakkad   Palakkad   Malappuram   Pathanamthitta   Kozhikode   Idukki
9     10	Revathi Amala	Eranakulam     Eranakulam
++	. – – – – – – – – +	+

10 rows in set (0.01 sec)

◆ mysql> SELECT C\_name FROM CUSTOMER WHERE C\_name LIKE 'S%';

```
+-----+

| C_name |

+-----+

| Saranya |

| Sethu |

+-----+

2 rows in set (0.01 sec)
```

#### 8) List customer from depositor starting with '\_a%'

→ mysql>SELECT C\_name FROM CUSTOMER WHERE Cust\_id IN (SELECT Cust\_id FROM DEPOSIT WHERE Cust\_id LIKE '\_a%'); 
Empty set (0.01 sec)

# 9) List customer name, account no and amount from deposit having exactly 5 characters in name

mysql> SELECT \* FROM CUSTOMER;

+		<del></del>
Cust_id	C_name	City
1   2   3   4   5   6   7   8   9	Saranya   Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Anil   Revathi   Amala	Idukki   Palakkad   Kozhikode   Palakkad   Malappuram   Pathanamthitta   Kozhikode   Idukki   Eranakulam

10 rows in set (0.01 sec)

mysql> SELECT \* FROM DEPOSIT;

+		<b>-</b>	+	
Acc_no	Cust_id	Amount	Branch_id	Open_date
+	1 5 4 2 9 7 10 8	+	+	2018-01-21     2009-07-12     2010-03-23     2005-08-20     2000-05-25     2007-06-26     2008-07-27     2009-08-28
0732108020291	3	10000	4	2010-09-29
0732108020210	6	400	7	2011-10-30
+	<del>-</del>	+	+	++

10 rows in set (0.00 sec)

mysql> SELECT C\_name, Acc\_no, Amount FROM CUSTOMER JOIN DEPOSIT ON CUSTOMER.Cust\_id = DEPOSIT.Cust\_id WHERE LENGTH(C\_name) = 5;

C_name		Amount
Amala	0732108020210 0732108020297	j 900 j

2 rows in set (0.01 sec)

# 10) List Cust\_id, Loan no and Loan amount of borrowers

mysql> SELECT \* FROM BORROW;

+	+   Cust_id	Branch_id	+   Amount
109   205   34   22   12   2   67   5		14 1 6 7 4 9 8 12	900   40500   31000   400   10000   56600   6300   8000
44 +	8   +	9 	56600   ++

mysql> SELECT Cust\_id, Loan\_no, Amount FROM BORROW;

Cust_id	Loan_no	Amount
10	109	900
1	205	40500
5	34	31000
6	22	400
3	12	10000
8	2	56600
7	67	6300
9	5	8000
2	78	60000
8	44	56600
++		++

10 rows in set (0.00 sec)

# 11) List cust\_id and C\_name of depositors

• mysql> SELECT \* FROM DEPOSIT;

+	+	+	+	++
Acc_no	Cust_id	Amount	Branch_id	Open_date
0732108020299   0732108020292   0732108020293   0732108020294   0732108020295   0732108020296   0732108020297	1   5   4   2   9   7	40500   31000   50000   60000   8000   6300	1   6   5   2   12   8	2018-01-21     2009-07-12     2010-03-23     2005-08-20     2000-05-25     2007-06-26
0732108020298   0732108020291   0732108020210	8   3   6	56600   10000   400	9   9   4   7	2009-08-28     2010-09-29     2011-10-30

10 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER;

+	<b>-</b>	++
Cust_id	C_name	City
1   2   3   4   5   6   7   8   9	Saranya   Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Anil   Revathi   Amala	Idukki   Palakkad   Kozhikode   Palakkad   Malappuram   Pathanamthitta     Kozhikode   Idukki   Eranakulam
•	•	•

10 rows in set (0.01 sec)

♠ mysql> SELECT CUSTOMER.Cust\_id, C\_name FROM CUSTOMER INNER JOIN DEPOSIT ON CUSTOMER.Cust\_id = DEPOSIT.Cust\_id;

+	
Cust_id	C_name
+	Saranya   Saranya   Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Revathi
10	Amala
+	+

# 12) List all the customers who are depositors but not borrowers

mysql> SELECT \* FROM BORROW;

+	+	+	++
Loan_no	Cust_id	Branch_id	Amount
+	+	+	++
109	10	14	900
205	1	1	40500
34	5	6	31000
22	6	7	400
12	3	4	10000
2	8	9	56600
67	7	8	6300
5	9	12	8000
78	2	2	60000
44	8	9	56600
+	+	+	++

10 rows in set (0.00 sec)

mysql> SELECT \* FROM DEPOSIT;

+		+	+	
Acc_no	Cust_id	Amount	Branch_id	Open_date
1 07004000000	r	1 40500	T	
0732108020299	1	40500	1	2018-01-21
0732108020292	5	31000	6	2009-07-12
0732108020293	4	50000	5	2010-03-23
0732108020294	2	60000	2	2005-08-20
0732108020295	9	8000	12	2000-05-25
0732108020296	7	6300	8	2007-06-26
0732108020297	10	900	14	2008-07-27
0732108020298	8	56600	9	2009-08-28
0732108020291	] 3	10000	4	2010-09-29
0732108020210	6	400	7	2011-10-30
+	+	+	+	<b></b>

10 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER;

Cust_id   C_name   City   Cust_id   C_name   City   Cust_id   C_name   City   Cust_id   Cust_i	+	+	
_   _	Cust_id	C_name	City
3   Gopika   Kozhikode   4   Parvathi   Palakkad   5   Renu   Malappuram   6   Sethu   Pathanamthitta   7   Aparna   Kozhikode   8   Anil   Idukki   9   Revathi   Eranakulam	2   3   4   5   6   7   8	Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Anil   Revathi	Palakkad   Kozhikode   Palakkad   Malappuram   Pathanamthitta   Kozhikode   Idukki   Eranakulam

10 rows in set (0.01 sec)

mysql> SELECT C\_name FROM CUSTOMER WHERE Cust\_id IN (SELECT Cust\_id FROM DEPOSIT) AND Cust\_id NOT IN (SELECT Cust\_id FROM BORROW);

# 13) List all the customers who are both depositors and borrowers

mysql> SELECT \* FROM BORROW;

+		+	+	++
į	Loan_no	Cust_id	Branch_id	Amount
+	109 205 34 22 12 2	+	+	++   900     40500     31000     400     10000
	67 5 78 44	7   9   2   8	8   12   2   9	6300     8000     60000     56600

10 rows in set (0.00 sec)

mysql> SELECT \* FROM DEPOSIT;

_	L _	L _	L -	L _	L
	Acc_no	Cust_id	Amount	Branch_id	Open_date
				T	r
	0732108020299	1	40500	1	2018-01-21
	0732108020292	5	31000	6	2009-07-12
	0732108020293	4	50000	5	2010-03-23
	0732108020294	2	60000	2	2005-08-20
	0732108020295	9	8000	12	2000-05-25
	0732108020296	7	6300	8	2007-06-26
	0732108020297	10	900	14	2008-07-27
	0732108020298	8	56600	9	2009-08-28
	0732108020291	3	10000	4	2010-09-29
	0732108020210	[ 6	400	7	2011-10-30
_	+	+	+	+	<b></b> +

10 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER;

+	+	++
Cust_id	C_name	City
+		++
1	Saranya	Idukki
2	Anjali	Palakkad
3	Gopika	Kozhikode
4	Parvathi	Palakkad
5	Renu	Malappuram
6	Sethu	Pathanamthitta
7	Aparna	Kozhikode
8	Anil	Idukki
9	Revathi	Eranakulam
10	Amala	Eranakulam
+	+	++

10 rows in set (0.01 sec)

♦ mysql> SELECT C\_name FROM CUSTOMER WHERE Cust\_id IN (SELECT Cust\_id FROM DEPOSIT) AND Cust\_id IN (SELECT Cust\_id FROM BORROW);

+-----+
| C\_name |
+-----+
| Saranya |
| Anjali |
| Gopika |
| Renu |
| Sethu |
| Aparna |
| Anil |
| Revathi |
| Amala |

# 14) List all the customers along with their amount who are either borrowers

mysql> SELECT \* FROM BORROW;

+			
Loan_no	Cust_id	Branch_id	Amount
109	10	14	900
205	1	1	40500 i
34	5	6	31000
22	6	7	400
12	3	4	10000
2	8	9	56600
67	7	8	6300
5	9	12	8000
78	2	2	60000
44	8	9	56600
+	<b></b>	+	++

10 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER;

+		<del>+</del>
Cust_id	C_name	City
1   2   3   4   5   6   7   8   9   10	Saranya   Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Anil   Revathi	Idukki
+	<b>-</b>	<b>-</b> +

10 rows in set (0.01 sec)

mysql> SELECT C\_name, Amount FROM CUSTOMER JOIN BORROW ON CUSTOMER.Cust\_id = BORROW.Cust\_id;

+	+
C_name	Amount
Saranya   Saranya   Anjali   Gopika   Renu   Sethu   Aparna   Anil	40500   60000   10000   31000   400   6300   56600
Revathi     Amala	8000     900
+	+

# 15) List the cites of depositor having branch 'Cherthala'

mysql> SELECT \* FROM BRANCH;

Branch_id	B_name	City
1   2   4   5   6   7   8   9   12	Aroor   Vaikom   Kaloor   Nedumkandam   Cherthala   Alappuzha   Kaladi   Kattapana   Edappaly   Mundakkayam	Kochi   Kottayam     Eranakulam     Idukki     Pallipuram     Kuttanad     Thrissur     Idukki     Kollam

10 rows in set (0.00 sec)

mysql> SELECT \* FROM DEPOSIT;

	<del>_</del>	L <b>-</b>	L <del>-</del>	L	L <del>_</del> <del>_</del> _
	Acc_no	Cust_id	Amount	Branch_id	Open_date
-	0732108020299   0732108020292   0732108020293   0732108020294   0732108020295   0732108020296   0732108020297   0732108020298   0732108020298	+	40500   31000   50000   60000   8000   6300   900   56600	1	2018-01-21   2009-07-12   2009-07-12   2010-03-23   2005-08-20   2000-05-25   2007-06-26   2008-07-27   2009-08-28   2010-09-29
	0732100020291	3   6	400	1	2010-09-29

10 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMER;

+		++
Cust_id	C_name	City
+	+	++
1	Saranya	Idukki
2	Anjali	Palakkad
3	Gopika	Kozhikode
4	Parvathi	Palakkad
5	Renu	Malappuram
6	Sethu	Pathanamthitta
7	Aparna	Kozhikode
8	Anil	Idukki
9	Revathi	Eranakulam
10	Amala	Eranakulam
+	+	++

10 rows in set (0.01 sec)

mysql> SELECT City FROM CUSTOMER JOIN DEPOSIT ON CUSTOMER.Cust\_id = DEPOSIT.Cust\_id
WHERE Branch\_id = (SELECT Branch\_id FROM BRANCH WHERE B\_name = 'Cherthala');

# 16) Update 10% interest to all depositors

- mysql> UPDATE DEPOSIT SET Amount = Amount \* 1.1; Query OK, 10 rows affected (0.02 sec) Rows matched: 10 Changed: 10 Warnings: 0
- mysql> SELECT \* FROM DEPOSIT;

+		+	<del></del>	++
Acc_no	Cust_id	Amount	Branch_id	Open_date
T	r	T		т
0732108020299	1	44550	1	2018-01-21
0732108020292	5	34100	6	2009-07-12
0732108020293	4	55000	5	2010-03-23
0732108020294	2	66000	2	2005-08-20
0732108020295	9	8800	12	2000-05-25
0732108020296	7	6930	8	2007-06-26
0732108020297	10	990	14	2008-07-27
0732108020298	8	62260	9	2009-08-28
0732108020291	] 3	11000	4	2010-09-29
0732108020210	6	440	7	2011-10-30
+	+	+	+	++

10 rows in set (0.00 sec)

# 17) Update 10% to all depositors living in 'Ernakulam'

- → mysql> UPDATE DEPOSIT SET Amount = Amount \* 1.1 WHERE Cust\_id IN (SELECT Cust\_id FROM CUSTOMER WHERE City = 'Ernakulam');
  Query OK, 0 rows affected (0.00 sec)
  Rows matched: 0 Changed: 0 Warnings: 0
- mysql> SELECT \* FROM DEPOSIT;

+	+	+	+	++
Acc_no	Cust_id	Amount	Branch_id	Open_date
+	+	44550   34100   55000   66000   8800   6930   990   62260   11000	1	2018-01-21     2009-07-12     2010-03-23     2005-08-20     2000-05-25     2007-06-26     2008-07-27     2009-08-28     2010-09-29
0732108020210	6 +	440 +		2011-10-30   ++

# 18) Change living city of the 'Aroor' branch borrowers to Aroor

mysql> SELECT \* FROM BRANCH;

Branch_id	B_name	City
1   2   4   5   6   7   8   9   12	Aroor   Vaikom   Kaloor   Nedumkandam   Cherthala   Alappuzha   Kaladi   Kattapana   Edappaly   Mundakkayam	Kochi   Kottayam   Eranakulam     Idukki   Pallipuram     Kuttanad   Thrissur   Idukki   Kollam

10 rows in set (0.00 sec)

mysql> SELECT \* FROM BORROW;

	<b>.</b>	L <b>-</b>	<del>-</del>	L <del> </del>	
	Loan_no	Cust_id	Branch_id	Amount	
	109 205	10   1	14   1		
į	34	5	6	31000	
 	22 12	6   3	7   4	400     10000	
ĺ	2	8	9	56600	
	67 5		8   12	6300     8000	
	78 44	2   8	] 2 I 9	60000     56600	
 +-	<del>44</del> 	,	 +	30000   	

10 rows in set (0.00 sec)

- → mysql> UPDATE CUSTOMER SET City = 'Aroor' WHERE Cust\_id IN (SELECT Cust\_id FROM BORROW WHERE Branch\_id = (SELECT Branch\_id FROM BRANCH WHERE B\_name = 'Aroor')); Query OK, 1 row affected (0.01 sec)
  Rows matched: 1 Changed: 1 Warnings: 0
- mysql> SELECT \* FROM CUSTOMER;

+		++
Cust_id   C_name		City
1   2   3   4   5   6   7   8	Saranya   Anjali   Gopika   Parvathi   Renu   Sethu   Aparna   Anil   Revathi   Amala	Aroor   Palakkad   Kozhikode   Palakkad   Malappuram   Pathanamthitta     Kozhikode   Idukki   Eranakulam

# 19) Delete branches having deposit from Kollam

- mysql> DELETE FROM BORROW WHERE Branch\_id IN (SELECT Branch\_id FROM BRANCH WHERE City = 'Kollam'); Query OK, 1 row affected (0.01 sec)
- mysql> SELECT \* FROM BORROW;

+			+
Loan_no	Cust_id	Branch_id	Amount
109   205   34   22   12   2   67   78	10 1 5 6 3 8 7 2 8	14 1 6 7 4 9 8 1	900   40500   31000   400   10000   56600   6300   60000
		L	L

9 rows in set (0.01 sec)

- mysql> DELETE FROM DEPOSIT WHERE Branch\_id IN (SELECT Branch\_id FROM BRANCH WHERE City = 'Kollam'); Query OK, 1 row affected (0.01 sec)
- mysql> SELECT \* FROM DEPOSIT;

+	+	<b></b>		++
Acc_no	Cust_id	Amount	Branch_id	Open_date
+				++
0732108020299	1	44550	1	2018-01-21
0732108020292	5	34100	6	2009-07-12
0732108020293	4	55000	5	2010-03-23
0732108020294	2	66000	2	2005-08-20
0732108020296	7	6930	8	2007-06-26
0732108020297	10	990	14	2008-07-27
0732108020298	8	62260	9	2009-08-28
0732108020291	3	11000	4	2010-09-29
0732108020210	6	440	7	2011-10-30
+			, 	++

9 rows in set (0.00 sec)

- → mysql> DELETE FROM BRANCH WHERE City = 'Kollam'; Query OK, 1 row affected (0.01 sec)
- mysql> SELECT \* FROM BRANCH;

+		-, ++
Branch_id	B_name	City
++		+
1	Aroor	Kochi
2	Vaikom	Kottayam
4	Kaloor	Eranakulam
5	Nedumkandam	Idukki
6	Cherthala	Pallipuram
7	Alappuzha	Kuttanad
8	Kaladi	Thrissur
9	Kattapana	Idukki
14	Mundakkayam	Kottayam
++		++

## 20) Delete depositors of branches having number of customers between 1 and 3

- → mysql> DELETE FROM DEPOSIT WHERE Branch\_id IN (SELECT Branch\_id FROM BRANCH WHERE Branch\_id IN (SELECT Branch\_id FROM CUSTOMER GROUP BY Branch\_id HAVING COUNT(Cust\_id) BETWEEN 1 AND 3));

  Query OK, 0 rows affected (0.01 sec)
- mysql> SELECT \* FROM DEPOSIT;

+		+	+	++
Acc_no	Cust_id	Amount	Branch_id	Open_date
<b>+</b>			+	++
0732108020299	1	44550	1	2018-01-21
0732108020292	5	34100	6	2009-07-12
0732108020293	4	55000	5	2010-03-23
0732108020294	2	66000	2	2005-08-20
0732108020296	7	6930	8	2007-06-26
0732108020297	10	990	14	2008-07-27
0732108020298	8	62260	j 9	2009-08-28
0732108020291	3	11000	4	2010-09-29
0732108020210	6	440	7	2011-10-30
+	}	+	+	++

9 rows in set (0.00 sec)

#### 21) Delete depositors having deposit less than Rs500

- ◆ mysql> DELETE FROM DEPOSIT WHERE Amount < 500; Query OK, 1 row affected (0.02 sec)
- mysql> SELECT \* FROM DEPOSIT;

+	L	, +	+	++
Acc_no	Cust_id	Amount	Branch_id	Open_date
0732108020299   0732108020292   0732108020293   0732108020294   0732108020296   0732108020297   0732108020298   0732108020291	1   5   4   2   7   10   8	44550   34100   55000   66000   6930   990   62260	1   6   5   2   8   14   9	2018-01-21     2009-07-12     2010-03-23     2005-08-20     2007-06-26     2008-07-27     2009-08-28     2010-09-29
·			+	+ +