

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	Type	Null	Key	Default	Extra
Cust_id	int	NO	PRI	NULL	
C_name	varchar(15)	YES		NULL	
City	varchar(20)	YES		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	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> 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	Type	Null	Key	Default	Extra
Branch_id	int	NO	PRI	NULL	
B_name	varchar(25)	YES		NULL	
City	varchar(20)	YES		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,"Edappally","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
Acc_no	varchar(15)	YES		NULL	
Cust_id	int	YES	MUL	NULL	
Amount	int	YES		NULL	
Branch_id	int	YES	MUL	NULL	
Open_date	date	YES		NULL	

5 rows in set (0.01 sec)

◆ mysql> INSERT INTO DEPOSIT (Acc_no, Cust_id, Amount, Branch_id, Open_date)
-> VALUES

-> ('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;

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

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;`

Field	Type	Null	Key	Default	Extra
Loan_no	int	YES		NULL	
Cust_id	int	YES	MUL	NULL	
Branch_id	int	YES	MUL	NULL	
Amount	int	YES		NULL	

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;`

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 (0.01 sec)

2) *List Cust_id along with customer name*

- `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 (0.00 sec)

◆ 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;

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

10 rows in set (0.01 sec)

◆ mysql> SELECT Cust_id FROM DEPOSIT WHERE Amount > 10000;

Cust_id
1
5
4
2
8

5 rows in set (0.00 sec)

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

• 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 (0.00 sec)

- mysql> SELECT * FROM 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

10 rows in set (0.00 sec)

- mysql> SELECT Open_date FROM DEPOSIT WHERE Cust_id = (SELECT Cust_id FROM CUSTOMER WHERE C_name = 'Anil');

Open_date
2009-08-28

1 row 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
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

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;

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

10 rows in set (0.00 sec)

◆ mysql> SELECT Acc_no, Cust_id FROM DEPOSIT WHERE Amount BETWEEN 40000 AND 80000;

Acc_no	Cust_id
0732108020299	1
0732108020293	4
0732108020294	2
0732108020298	8

4 rows in set (0.00 sec)

7) List customer name starting with 'S'

• 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 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;

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 * FROM 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

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	Acc_no	Amount
Sethu	0732108020210	400
Amala	0732108020297	900

2 rows in set (0.01 sec)

10) List Cust_id, Loan no and Loan amount of 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 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	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

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 CUSTOMER.Cust_id, C_name FROM CUSTOMER INNER JOIN DEPOSIT ON CUSTOMER.Cust_id = DEPOSIT.Cust_id;

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)

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
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

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 NOT IN (SELECT Cust_id FROM BORROW);

C_name
Parvathi

1 row in set (0.01 sec)

13) List all the customers who are both depositors and 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
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

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

9 rows in set (0.00 sec)

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
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 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, Amount FROM CUSTOMER JOIN BORROW ON CUSTOMER.Cust_id = BORROW.Cust_id;

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

10 rows in set (0.01 sec)

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

- 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> SELECT * FROM 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

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');
```

City
Malappuram

1 row in set (0.00 sec)

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;

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
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
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)

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

- 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> 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> 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	Saranya	Aroor
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 (0.00 sec)

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	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
78	2	2	60000
44	8	9	56600

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;

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

9 rows in set (0.00 sec)

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
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)

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;

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

8 rows in set (0.00 sec)