MYSQL Assignment No:2

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

- mysql> CREATE DATABASE Adarsh; Query OK, 1 row affected (0.01 sec)
- mysql> USE Adarsh;
 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 Key	Default	Extra
Cust_id C_name City	int varchar(15) varchar(20)	NO	NULL NULL NULL	

3 rows in set (0.01 sec)

- mysql> INSERT INTO CUSTOMER(Cust_id, C_name, City) VALUES(1,"Adarsh","Kozhikode"),
 (2,"Abhishek","Truvandrum"),(3,"Akshay","Palakkad"),(4,"Sooraj","Truvandrum"),
 (5,"Sanjay","Malappuram"),(6,"Fazil","Kozhikode"),(7,"Arjun","Kozhikode"),
 (8,"Anil","Idukki"),(9,"Ragesh","Eranakulam"),(10,"Reno","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 1	Adarsh	Kozhikode
2	Abhishek	Truvandrum
3	Akshay	Palakkad
4	Sooraj	Truvandrum
5	Sanjay	Malappuram
6	Fazil	Kozhikode
7	Arjun	Kozhikode
8	Anil	Idukki
9	Ragesh	Eranakulam
10	Reno	Eranakulam
+		++

10 rows in set (0.00 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 B_name	int varchar(25) varchar(20)	NO	PRI	NULL NULL NULL	

3 rows in set (0.01 sec)

mysql> INSERT INTO BRANCH(Branch_id, B_name, City) VALUES(1,"Alappuza","Kochi"), (2,"Punjab National Bank","Punjab"),(4,"Bank of Baroda","Bangal"),(7,"Canara Bank","Kadalundi"),(6,"Union Bank of India","Odisha"),(5,"Bank of India","Karnadaka"),(14,"Aroor","Vaikom"),(12,"Cherthala","Pallipuram"),(8,"UCO Bank","Kollam"),(9,"Indian Bank","Kerala");

Query OK, 10 rows affected (0.01 sec) Records: 10 Duplicates: 0 Warnings: 0 mysql> SELECT * FROM BRANCH; | Branch_id | B_name | City | 1 | Alappuza | Kochi 2 | Punjab National Bank | Punjab 4 | Bank of Baroda | Bangal 5 | Bank of India | Karnadaka 6 | Union Bank of India | Odisha 7 | Canara Bank | Kadalundi 8 | UCO Bank | Kollam 9 | Indian Bank | Kerala 12 | Cherthala | Pallipuram 12 | Cherthala | Pallipuram 14 | Aroor | Vaikom 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; +----+ +----+ 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;

+	+	+	++
Loan_no	Cust_id	Branch_id	Amount
109 205 34 22 12 2	+	14 1 6 7 4 9	++ 900 40500 31000 400 10000 56600
67 5 78 44		8 12 2 9	6300 8000 60000 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	Adarsh Abhishek Akshay Sooraj Sanjay Fazil Arjun Anil	
10	Ragesh Reno 	Eranakulam Eranakulam +

mysql> SELECT Cust_id, C_name FROM CUSTOMER;
+-----+
| Cust_id | C_name |
+----+
1	Adarsh
2	Abhishek
3	Akshay
4	Sooraj
5	Sanjay
6	Fazil
7	Arjun
8	Anil
9	Ragesh
10	Reno
+-----+
10 rows in set (0.00 sec)

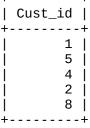
3) List Cust_id of customers having amount greater than 10000

mysql> SELECT * FROM DEPOSIT;

Acc_no	+	-	, 	+	++
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	Acc_no	Cust_id	Amount	Branch_id	Open_date
	0732108020292 0732108020293 0732108020294 0732108020295 0732108020296 0732108020297 0732108020298	5 4 2 9 7 10 8	31000 50000 60000 8000 6300 900 56600	5 5 2 12 8 14	2009-07-12 2010-03-23 2005-08-20 2000-05-25 2007-06-26 2008-07-27 2009-08-28
	!	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
+		++
1	Adarsh	Kozhikode
j 2	Abhishek	Truvandrum
3	Akshay	Palakkad
4	Sooraj	Truvandrum
5	Sanjay	Malappuram
6	Fazil	Kozhikode
7	Arjun	Kozhikode
8	Anil	Idukki
9	Ragesh	Eranakulam
10	Reno	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;

+	+	+	+	++
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;

4	
Acc_no	Cust_id
0732108020299 0732108020293 0732108020294 0732108020298	1 4 2 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 1 1	Adarsh	Kozhikode
- 1		
2	Abhishek	Truvandrum
3	Akshay	Palakkad
4	Sooraj	Truvandrum
5	Sanjay	Malappuram
6	Fazil	Kozhikode
7	Arjun	Kozhikode
8	Anil	Idukki
9	Ragesh	Eranakulam
10	Reno	Eranakulam
+		++

10 rows in set (0.00 sec)

◆ mysql> SELECT C_name FROM CUSTOMER WHERE C_name LIKE 'S%';

```
+-----+

| C_name |

+-----+

| Sooraj |

| Sanjay |

+-----+

2 rows in set (0.00 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	Adarsh	Kozhikode
2	Abhishek	Truvandrum
3	Akshay	Palakkad
4	Sooraj	Truvandrum
5	Sanjay	Malappuram
6	Fazil	Kozhikode
7	Arjun	Kozhikode
8	Anil	Idukki
9	Ragesh	Eranakulam
10	Reno	Eranakulam

10 rows in set (0.00 sec)

mysql> SELECT * FROM DEPOSIT;

		L	L	L _
Acc_no	Cust_id	Amount	Branch_id	Open_date
0732108020299 0732108020292 0732108020293 0732108020294 0732108020295 0732108020296 0732108020297 0732108020298 0732108020291 0732108020291 0732108020291	1 5 4 2 9 7 10 8 3 6	40500 31000 50000 60000 8000 6300 900 56600 10000	1 6 5 2 12 8 14 9 4	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
+		+	+	+

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	I
Fazil Arjun	0732108020210 0732108020296	400 6300	

2 rows in set (0.00 sec)

10) List Cust_id, Loan no and Loan amount of borrowers

mysql> SELECT * FROM BORROW;

+	+		+
Loan_no	Cust_id	Branch_id	Amount
109 205 34 22 12	10 10 1 1 1 1 1 1 1 1	14 1 6 7 4 9	900 40500 31000 400 10000
67	7	8	6300
5	9	12	8000
78	2	2	60000
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	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	j 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	j 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 2 3 4 5 6 7 8	Adarsh Abhishek Akshay Sooraj Sanjay Fazil Arjun Anil Ragesh Reno	Kozhikode Truvandrum Palakkad Truvandrum Malappuram Kozhikode Kozhikode Idukki Eranakulam

10 rows in set (0.00 sec)

♠ mysql> SELECT CUSTOMER.Cust_id, C_name FROM CUSTOMER INNER JOIN DEPOSIT ON CUSTOMER.Cust_id = DEPOSIT.Cust_id;

+	++
Cust_id	C_name
+	++ Adarsh Abhishek Akshay Sooraj Sanjay Fazil Arjun Anil
9	Ragesh
10	Reno
+	++

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
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
+	+	+	+	+

10 rows in set (0.00 sec)

mysql> SELECT * FROM CUSTOMER;

Cust_id	C_name	City
2 3 4 5 6 7 8 9	Adarsh Abhishek Akshay Sooraj Sanjay Fazil Arjun Anil Ragesh Reno	Kozhikode Truvandrum Palakkad Truvandrum Malappuram Kozhikode Kozhikode Idukki Eranakulam

10 rows in set (0.00 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 |
+-----+
| Sooraj |
+-----+
1 row in set (0.01 sec)
```

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

mysql> SELECT * FROM BORROW;

		L	L	L L
ا	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;

_	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
_	+	+	+	+	 +

10 rows in set (0.00 sec)

mysql> SELECT * FROM CUSTOMER;

+	+	+
Cust_id	C_name	City
1 2 3 4 5 6 7 8 9	Adarsh Abhishek Akshay Sooraj Sanjay Fazil Arjun Anil Ragesh Reno	Kozhikode Truvandrum Palakkad Truvandrum Malappuram Kozhikode Kozhikode Idukki Eranakulam
+	+	++

10 rows in set (0.00 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);

+ .		+
ļ	C_name	ļ
+		+
I	Adarsh	
	Abhishek	
	Akshay	
	Sanjay	
	Fazil	
	Arjun	
	Anil	
	Ragesh	
	Reno	
+ -		4

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

mysql> SELECT * FROM BORROW;

10 rows in set (0.00 sec)

mysql> SELECT * FROM CUSTOMER;

+		++
Cust_id	C_name	City
+	·	++
1	Adarsh	Kozhikode
2	Abhishek	Truvandrum
j 3 j	Akshay	Palakkad
4	Sooraj	Truvandrum
5	Sanjay	Malappuram
6	Fazil	Kozhikode
7	Arjun	Kozhikode
8	Anil	Idukki
9	Ragesh	Eranakulam
10	Reno	Eranakulam
+		++

10 rows in set (0.00 sec)

mysql> SELECT C_name, Amount FROM CUSTOMER JOIN BORROW ON CUSTOMER.Cust_id = BORROW.Cust_id;

+	++
C_name	Amount
+	++
Adarsh	40500
Abhishek	60000
Akshay	10000
Sanjay	31000
Fazil	400
Arjun	6300
Anil	56600
Anil	56600
Ragesh	8000
Reno	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	Alappuza Punjab National Bank Bank of Baroda Bank of India Union Bank of India Canara Bank UCO Bank Indian Bank Cherthala Aroor	Kochi Punjab Bangal Karnadaka Odisha Kadalundi Kollam Kerala Pallipuram
T		r

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
_	+	+	+	+	 +

10 rows in set (0.00 sec)

mysql> SELECT * FROM CUSTOMER;

Cust_id C_name City	+		+
2 Abhishek Truvandrum 3 Akshay Palakkad 4 Sooraj Truvandrum 5 Sanjay Malappuram 6 Fazil Kozhikode 7 Arjun Kozhikode 8 Anil Idukki 9 Ragesh Eranakulam	Cust_id	C_name	City
	2 3 4 5 6 7 8	Abhishek Akshay Sooraj Sanjay Fazil Arjun Anil Ragesh	Truvandrum Palakkad Truvandrum Malappuram Kozhikode Kozhikode Idukki Eranakulam

10 rows in set (0.00 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;

+		+	+	++
Acc_no	Cust_id	Amount	Branch_id	Open_date
T	r	r		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 Alappuza 2 Punjab National Bank 4 Bank of Baroda 5 Bank of India 6 Union Bank of India 7 Canara Bank 8 UCO Bank 9 Indian Bank 12 Cherthala	Kochi Punjab Bangal Karnadaka Odisha Kadalundi Kollam Kerala Pallipuram Vaikom

10 rows in set (0.00 sec)

mysql> SELECT * FROM BORROW;

+	L -	L -	L _
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 5 78 44	8 7 9 2 8	9 8 12 2 9	56600 6300 8000 60000

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 9	Adarsh Abhishek Akshay Sooraj Sanjay Fazil Arjun Anil Ragesh Reno	Kozhikode Truvandrum Palakkad Truvandrum Malappuram Kozhikode 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_r	10	Cust_id	Branch_id	Amount
2	-	10 1 5 6 3 8 9	14 1 6 7 4 9 12	900 40500 31000 400 10000 56600 8000
•	4	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
T		r	F	г
0732108020299	1	44550	1	2018-01-21
0732108020292	5	34100	6	2009-07-12
0732108020293	4	55000	5	2010-03-23
j 0732108020294 j	2	66000	2	2005-08-20
i 0732108020295 i	9	8800	12	2000-05-25
i 0732108020297 i	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)

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

++ Branch_id ++	B_name	
1 2 4 5 6 7 9 12 14	Alappuza Punjab National Bank Bank of Baroda Bank of India Union Bank of India Canara Bank Indian Bank Cherthala Aroor	Kochi Punjab Bangal Karnadaka Odisha Kadalundi Kerala Pallipuram Vaikom

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	j 2	2005-08-20
0732108020295	9	8800	12	2000-05-25
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;

+		-	+	+
Acc_no	Cust_id	Amount	Branch_id	Open_date
0732108020299 0732108020292 0732108020293 0732108020294 0732108020295 0732108020297 0732108020298 0732108020291	1 5 4 2 9 10 8	44550 34100 55000 66000 8800 990 62260 11000	1 6 5 2 12 14 9	2018-01-21 2009-07-12 2010-03-23 2005-08-20 2000-05-25 2008-07-27 2009-08-28 2010-09-29
+	+	+	+	++