Setting environment for using XAMPP for Windows.

727012@128-IMAC18 c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 40

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]>

MariaDB [(none)]> show database;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'database' at line 1

MariaDB [(none)]> SHOW DATABASES;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

+--------------------+

5 rows in set (0.00 sec)

MariaDB [(none)]> show databases

-> ;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

+--------------------+

5 rows in set (0.00 sec)

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> show databases;

+--------------------+

| Database |

+--------------------+

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

+--------------------+

6 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show tables;

Empty set (0.00 sec)

MariaDB [csd2204w18]> create table customers(

-> customerID int(2,)

-> customerID int(2),

-> name varchar(40),

-> name varchar(40),

-> city varchar(40),

-> postalcode int(6);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ')

customerID int(2),

name varchar(40),

name varchar(40),

city varchar(40),

posta' at line 2

MariaDB [csd2204w18]> /c

-> create table customer(

-> custID int(2),

-> name varchar(20),

-> nickname varchar(20),

-> city varchar(20),

-> postalcode varchar(20)

-> );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '/c

create table customer(

custID int(2),

name varchar(20),

nickname varchar(20),' at line 1

MariaDB [csd2204w18]> create table customer(

-> custID int(2),

-> name varchar(40),

-> nickname varchar(20),

-> city varchar(20),

-> postalcode varchar(20)

-> );

Query OK, 0 rows affected (1.86 sec)

MariaDB [csd2204w18]> show tables;

+----------------------+

| Tables\_in\_csd2204w18 |

+----------------------+

| customer |

+----------------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> describe customer;

+------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+-------------+------+-----+---------+-------+

| custID | int(2) | YES | | NULL | |

| name | varchar(40) | YES | | NULL | |

| nickname | varchar(20) | YES | | NULL | |

| city | varchar(20) | YES | | NULL | |

| postalcode | varchar(20) | YES | | NULL | |

+------------+-------------+------+-----+---------+-------+

5 rows in set (0.03 sec)

MariaDB [csd2204w18]> show create table customer;

+----------+-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+

| Table | Create Table |

+----------+-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+

| customer | CREATE TABLE `customer` (

`custID` int(2) DEFAULT NULL,

`name` varchar(40) DEFAULT NULL,

`nickname` varchar(20) DEFAULT NULL,

`city` varchar(20) DEFAULT NULL,

`postalcode` varchar(20) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1 |

+----------+-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customer values(1,'Tom','Timmy','Tor','Tor40');

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> show tables;

+----------------------+

| Tables\_in\_csd2204w18 |

+----------------------+

| customer |

+----------------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> describe customer;

+------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+-------------+------+-----+---------+-------+

| custID | int(2) | YES | | NULL | |

| name | varchar(40) | YES | | NULL | |

| nickname | varchar(20) | YES | | NULL | |

| city | varchar(20) | YES | | NULL | |

| postalcode | varchar(20) | YES | | NULL | |

+------------+-------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer

-> ;

+--------+------+----------+------+------------+

| custID | name | nickname | city | postalcode |

+--------+------+----------+------+------------+

| 1 | Tom | Timmy | Tor | Tor40 |

+--------+------+----------+------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> update into customer values(1,'Ashley','Ash',Toronto','321200');

'> select \*from customer;

'> show tables;

'> ;

'> Bye

727012@128-IMAC18 c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 41

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show tables;

+----------------------+

| Tables\_in\_csd2204w18 |

+----------------------+

| customer |

+----------------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer;

+--------+------+----------+------+------------+

| custID | name | nickname | city | postalcode |

+--------+------+----------+------+------------+

| 1 | Tom | Timmy | Tor | Tor40 |

+--------+------+----------+------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> update into customer(1,'Ashley','Ash','Toronto','321200');

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'into customer(1,'Ashley','Ash','Toronto','321200')' at line 1

MariaDB [csd2204w18]> update customer

-> set custID = 1, name = 'Ashley', nickname = 'Ash', city ='Toronto',postalcode = '321200';

Query OK, 1 row affected (0.06 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> select \*from customer

-> ;

+--------+--------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------+----------+---------+------------+

| 1 | Ashley | Ash | Toronto | 321200 |

+--------+--------+----------+---------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customer(2,'BobMarley','BM','Toronto','100100');

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '2,'BobMarley','BM','Toronto','100100')' at line 1

MariaDB [csd2204w18]> insert into customer values(2,'BobMarley','BM','Toronto','100100');

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> insert into customer values(3,'cherlies Theron','Cher','NewYork','120134');

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customer values(4,'Denial Jack','DJ','Brazil','341020');

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customer values(5,'Donna newman','New','Toronto','130120');

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customer values(6,'Eston','M.','Toronto','201023');

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(7,'Bobby Chacko','Chac','NewYork','320300');

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(8,'Ashko Charles','AK','USA','421044');

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> insert into customer values(9,'Tony Special','Specie','GTA','418921');

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(10,'JackSp','Sparrow','NewJersey','102301');

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> select \*from customer;

+--------+-----------------+----------+-----------+------------+

| custID | name | nickname | city | postalcode |

+--------+-----------------+----------+-----------+------------+

| 1 | Ashley | Ash | Toronto | 321200 |

| 2 | BobMarley | BM | Toronto | 100100 |

| 3 | cherlies Theron | Cher | NewYork | 120134 |

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 5 | Donna newman | New | Toronto | 130120 |

| 6 | Eston | M. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

| 8 | Ashko Charles | AK | USA | 421044 |

| 9 | Tony Special | Specie | GTA | 418921 |

| 10 | JackSp | Sparrow | NewJersey | 102301 |

+--------+-----------------+----------+-----------+------------+

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from WHERE city = 'Toronto';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'WHERE city = 'Toronto'' at line 1

MariaDB [csd2204w18]> select \* from WHERE city = 'Toronto';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'WHERE city = 'Toronto'' at line 1

MariaDB [csd2204w18]> select \* from WHERE city='Toronto';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'WHERE city='Toronto'' at line 1

MariaDB [csd2204w18]> select \*from WHERE city='Toronto';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'WHERE city='Toronto'' at line 1

MariaDB [csd2204w18]> select \*from where city='Toronto';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where city='Toronto'' at line 1

MariaDB [csd2204w18]> select \*from customer where city = 'Toronto';

+--------+--------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------------+----------+---------+------------+

| 1 | Ashley | Ash | Toronto | 321200 |

| 2 | BobMarley | BM | Toronto | 100100 |

| 5 | Donna newman | New | Toronto | 130120 |

| 6 | Eston | M. | Toronto | 201023 |

+--------+--------------+----------+---------+------------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where name = 'Ashley';

+--------+--------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------+----------+---------+------------+

| 1 | Ashley | Ash | Toronto | 321200 |

+--------+--------+----------+---------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where city = 'Toronto' OR city = 'NewYork';

+--------+-----------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+-----------------+----------+---------+------------+

| 1 | Ashley | Ash | Toronto | 321200 |

| 2 | BobMarley | BM | Toronto | 100100 |

| 3 | cherlies Theron | Cher | NewYork | 120134 |

| 5 | Donna newman | New | Toronto | 130120 |

| 6 | Eston | M. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

+--------+-----------------+----------+---------+------------+

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where nickname = 'BM' AND city = 'Toronto';

+--------+-----------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+-----------+----------+---------+------------+

| 2 | BobMarley | BM | Toronto | 100100 |

+--------+-----------+----------+---------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where custID = 4 OR custID = 6;

+--------+-------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+-------------+----------+---------+------------+

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 6 | Eston | M. | Toronto | 201023 |

+--------+-------------+----------+---------+------------+

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where custID between 2 and 7;

+--------+-----------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+-----------------+----------+---------+------------+

| 2 | BobMarley | BM | Toronto | 100100 |

| 3 | cherlies Theron | Cher | NewYork | 120134 |

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 5 | Donna newman | New | Toronto | 130120 |

| 6 | Eston | M. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

+--------+-----------------+----------+---------+------------+

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where custID between 7 and 2;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where nickname between 'BM' and 'NEW';

+--------+-----------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+-----------------+----------+---------+------------+

| 2 | BobMarley | BM | Toronto | 100100 |

| 3 | cherlies Theron | Cher | NewYork | 120134 |

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 5 | Donna newman | New | Toronto | 130120 |

| 6 | Eston | M. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

+--------+-----------------+----------+---------+------------+

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where nickname between 'BM' and 'New';

+--------+-----------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+-----------------+----------+---------+------------+

| 2 | BobMarley | BM | Toronto | 100100 |

| 3 | cherlies Theron | Cher | NewYork | 120134 |

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 5 | Donna newman | New | Toronto | 130120 |

| 6 | Eston | M. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

+--------+-----------------+----------+---------+------------+

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where custID between 'BM' and 'New';

Empty set, 20 warnings (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where nickname between 'BM' and 'New';

+--------+-----------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+-----------------+----------+---------+------------+

| 2 | BobMarley | BM | Toronto | 100100 |

| 3 | cherlies Theron | Cher | NewYork | 120134 |

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 5 | Donna newman | New | Toronto | 130120 |

| 6 | Eston | M. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

+--------+-----------------+----------+---------+------------+

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where nickname between 'New' and 'BM';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where name LIKE 'D%'

-> ;

+--------+--------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------------+----------+---------+------------+

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 5 | Donna newman | New | Toronto | 130120 |

+--------+--------------+----------+---------+------------+

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where city LIKE 'N%';

+--------+-----------------+----------+-----------+------------+

| custID | name | nickname | city | postalcode |

+--------+-----------------+----------+-----------+------------+

| 3 | cherlies Theron | Cher | NewYork | 120134 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

| 10 | JackSp | Sparrow | NewJersey | 102301 |

+--------+-----------------+----------+-----------+------------+

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where name LIKE '\_0%';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where name LIKE '\_o%';

+--------+--------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------------+----------+---------+------------+

| 2 | BobMarley | BM | Toronto | 100100 |

| 5 | Donna newman | New | Toronto | 130120 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

| 9 | Tony Special | Specie | GTA | 418921 |

+--------+--------------+----------+---------+------------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where name LIKE '\_o%n%';

+--------+--------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------------+----------+---------+------------+

| 5 | Donna newman | New | Toronto | 130120 |

| 9 | Tony Special | Specie | GTA | 418921 |

+--------+--------------+----------+---------+------------+

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where name LIKE '\_o%\_n%';

+--------+--------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------------+----------+---------+------------+

| 5 | Donna newman | New | Toronto | 130120 |

+--------+--------------+----------+---------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where name LIKE 'D%' AND city = 'Toronto';

+--------+--------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------------+----------+---------+------------+

| 5 | Donna newman | New | Toronto | 130120 |

+--------+--------------+----------+---------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where custID = 2,4,7,9;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '4,7,9' at line 1

MariaDB [csd2204w18]> select \*from customer where custID IN (2,4,7,9);

+--------+--------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------------+----------+---------+------------+

| 2 | BobMarley | BM | Toronto | 100100 |

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

| 9 | Tony Special | Specie | GTA | 418921 |

+--------+--------------+----------+---------+------------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where nickname IN ('BM','DJ','New','Chac');

+--------+--------------+----------+---------+------------+

| custID | name | nickname | city | postalcode |

+--------+--------------+----------+---------+------------+

| 2 | BobMarley | BM | Toronto | 100100 |

| 4 | Denial Jack | DJ | Brazil | 341020 |

| 5 | Donna newman | New | Toronto | 130120 |

| 7 | Bobby Chacko | Chac | NewYork | 320300 |

+--------+--------------+----------+---------+------------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]>