Setting environment for using XAMPP for Windows.

732069@128-IMAC20 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 3

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)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

5 rows in set (0.09 sec)

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.02 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show table

-> ;

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 '' at line 1

MariaDB [csd2204w18]> show tables;

Empty set (0.00 sec)

MariaDB [csd2204w18]> create table customer(

-> customerID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> popstalcode 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 ')' at line 8

MariaDB [csd2204w18]> create table customer(

-> customerID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalcode int(6)

-> );

Query OK, 0 rows affected (2.64 sec)

MariaDB [csd2204w18]> desc customer;

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

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

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

| customerID | int(2) | YES | | NULL | |

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

| nickname | varchar(10) | YES | | NULL | |

| address | varchar(50) | YES | | NULL | |

| city | varchar(30) | YES | | NULL | |

| postalcode | int(6) | YES | | NULL | |

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

6 rows in set (0.02 sec)

MariaDB [csd2204w18]> show create table customer;

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

| Table | Create Table |

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

| customer | CREATE TABLE `customer` (

`customerID` int(2) DEFAULT NULL,

`name` varchar(40) DEFAULT NULL,

`nickname` varchar(10) DEFAULT NULL,

`address` varchar(50) DEFAULT NULL,

`city` varchar(30) DEFAULT NULL,

`postalcode` int(6) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customer values(1,'priya','sonal','north york','toronto',123456);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customer |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> show databases;

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

| Database |

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

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> create tables;

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 'tables' at line 1

MariaDB [csd2204w18]> select \* customers;

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 'customers' at line 1

MariaDB [csd2204w18]> select \* from customers;

ERROR 1146 (42S02): Table 'csd2204w18.customers' doesn't exist

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customer |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

ERROR 1146 (42S02): Table 'csd2204w18.customers' doesn't exist

MariaDB [csd2204w18]> select \* from customer;

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer;

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer;

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer;

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customer values(2,'ashley','ash','32 washington','WDC',321000);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customer values(3,'bob marley','Bm','Keele street','Toronto',10000);

Query OK, 1 row affected (0.11 sec)

MariaDB [csd2204w18]> insert into customer values(4,'cherlis Theron','cher','329 Empire state Building','New york',2204);

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> insert into customer values(5,'Eston','En','21 york','Toronto',9967);

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> insert into customer values(6,'bobby','bob','kennedy','Toronto',65756);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(7,'Ashko','ash','Washington dc','USA',655625);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> select \* from customer;

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

7 rows in set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer WHERE name = 'Eston';

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

| customerID | name | nickname | address | city | postalcode |

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

| 5 | Eston | En | 21 york | Toronto | 9967 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer WHERE city = 'Toronto' OR city = 'New York';

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customerID between 2 AND 7;

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 'between 2 AND 7' at line 1

MariaDB [csd2204w18]> select \* from customerID between 2 and 7;

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 'between 2 and 7' at line 1

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

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

| customerID | name | nickname | address | city | postalcode |

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

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

6 rows in set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalcode |

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

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer;

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

7 rows in set (0.00 sec)

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

Empty set (0.00 sec)

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

Empty set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalcode |

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

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

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

1 row in set (0.02 sec)

MariaDB [csd2204w18]> select \* from customer where city LIKE 'T%';

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

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

4 rows in set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where name LIKE 'T%' and city = 'Toronto';

Empty set (0.02 sec)

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

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where customerID IN (2,4,5,6);

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

| customerID | name | nickname | address | city | postalcode |

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

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

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

4 rows in set (0.01 sec)

MariaDB [csd2204w18]> select \* from customer where nickname IN ('sonal','bob','En');

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

| customerID | name | nickname | address | city | postalcode |

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]>