Setting environment for using XAMPP for Windows.

703282@128-IMAC03 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 2

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 (0.03 sec)

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.02 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(

-> customersID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalCode int(6)

-> );

Query OK, 0 rows affected (0.67 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customers |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> desc customers;

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

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

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

| customersID | 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 (0.00 sec)

MariaDB [csd2204w18]> describe customers;

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

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

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

| customersID | 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 (0.00 sec)

MariaDB [csd2204w18]> show create table customers;

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

| Table | Create Table |

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

| customers | CREATE TABLE `customers` (

`customersID` 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 (0.01 sec)

MariaDB [csd2204w18]> insert into customers values(1,'inder','toor','washburn','toronto',123456);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customers values(2,'jasleen','hathi','shpd av east','toronto',567890);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customers values(3,'cherlis','theron','keele street','new york',263789);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customers values(4,'denial','jack','spartan building','brazil',456738);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into customers values(5,'donna newman','new','250 carlson blvd','toronto',201023);

Query OK, 1 row affected (0.44 sec)

MariaDB [csd2204w18]> insert into customers values

-> (;

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 2

MariaDB [csd2204w18]> insert into customers values(6,'eston','est','21 york dv','toronto',764894);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into customers values(7,'bobby chacko','chac','kennedy','new york',354789);

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> insert into customers values(8,'ashko charles','ak','washington','usa',46578);

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> insert into cusotmers values(9,''specie','spec','oakville','gta',356840);

'>

'> ;

'> );

'> ;

'> ';

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 'specie','spec','oakville','gta',356840);

;

);

;

'' at line 1

MariaDB [csd2204w18]> insert into customers values(9,'spec','st','oakville','usa',67494);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into customers values(10,'steve job','job','toronto','canada',594032);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers WHERE city='toronto' AND nickname='ak';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers WHERE customerID=4 OR customersID=6;

ERROR 1054 (42S22): Unknown column 'customerID' in 'where clause'

MariaDB [csd2204w18]> select \* from customers WHERE costomersID=4 OR customersID=6;

ERROR 1054 (42S22): Unknown column 'costomersID' in 'where clause'

MariaDB [csd2204w18]> select \* from customersID=4 OR customersID=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 '4 OR customersID=6' at line 1

MariaDB [csd2204w18]> select \* from customers WHERE customersID=4 OR customersID=6;

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

| customersID | name | nickname | address | city | postalCode |

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

| 4 | denial | jack | spartan building | brazil | 456738 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers WHERE customersID between 2 and 7;

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

| customersID | name | nickname | address | city | postalCode |

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

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customersID between 2 or 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 'or 7' at line 1

MariaDB [csd2204w18]> select \* from customers where customersID between 7 and 2;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname between theron and est;

ERROR 1054 (42S22): Unknown column 'theron' in 'where clause'

MariaDB [csd2204w18]> select \* from customers where nickname between 'theron' and 'est';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname between 'hathi' and 'theron';

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

| customersID | name | nickname | address | city | postalCode |

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

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname between 'theron' and 'hathi';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE 'd%';

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

| customersID | name | nickname | address | city | postalCode |

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

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where city LIKE 'n%';

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

| customersID | name | nickname | address | city | postalCode |

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

| 3 | cherlis | theron | keele street | new york | 263789 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

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

2 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE '\_on%';

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

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

1 row in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE 'd%' and city=toronto;

ERROR 1054 (42S22): Unknown column 'toronto' in 'where clause'

MariaDB [csd2204w18]> select \* from customers where name LIKE 'd%' and city='toronto';

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customersID IN (2,4,7,5);

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

| customersID | name | nickname | address | city | postalCode |

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

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname IN ('chac','new');

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]>