Setting environment for using XAMPP for Windows.

725975@128-IMAC14 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 16

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 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

-> show databases;

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 'show databases' at line 2

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;

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mysql Ver 15.1 Distrib 10.1.21-MariaDB, for Win32 (AMD64)

Connection id: 16

Current database: csd2204w18

Current user: root@localhost

SSL: Not in use

Using delimiter: ;

Server: MariaDB

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Protocol version: 10

Connection: localhost via TCP/IP

Server characterset: latin1

Db characterset: latin1

Client characterset: cp850

Conn. characterset: cp850

TCP port: 3306

Uptime: 2 hours 5 min 29 sec

Threads: 1 Questions: 142 Slow queries: 0 Opens: 26 Flush tables: 1 Open tables: 20 Queries per second avg: 0.018

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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 'how tables' at line 1

MariaDB [csd2204w18]> show tables;

Empty set (0.00 sec)

MariaDB [csd2204w18]> show tables;

Empty set (0.00 sec)

MariaDB [csd2204w18]> create table customers;

ERROR 1113 (42000): A table must have at least 1 column

MariaDB [csd2204w18]> create table customers;

ERROR 1113 (42000): A table must have at least 1 column

MariaDB [csd2204w18]> create table customers(

-> customerID int(2),

-> name varchar(20),

-> nickname varchar(20),

-> address varchar(50),

-> city varchar(30),

-> 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 ')' at line 8

MariaDB [csd2204w18]> create table customers(

-> customerID int(2),

-> name varchar(20),

-> nickname varchar(20),

-> address varchar(50),

-> city varchar(30),

-> postalCode int(6)

-> );

Query OK, 0 rows affected (0.31 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customers |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> show table 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]> desc customers;

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

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

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

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

| name | varchar(20) | YES | | NULL | |

| nickname | varchar(20) | 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 customers;

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

| Table | Create Table |

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

| customers | CREATE TABLE `customers` (

`customerID` int(2) DEFAULT NULL,

`name` varchar(20) DEFAULT NULL,

`nickname` varchar(20) 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 customers values(1,'Himauli','Honey','Toronto',1111);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

MariaDB [csd2204w18]> select \* from customers;

Empty set (0.00 sec)

MariaDB [csd2204w18]> insert into customers values(1,'Himauli','Honey','Scarborough','Toronto',1111);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> select \* from customers;

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

| customerID | name | nickname | address | city | postalCode |

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

| 1 | Himauli | Honey | Scarborough | Toronto | 1111 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customers values(2,'Foram','Fori','Scarborough','Toronto',1111);

Query OK, 1 row affected (0.07 sec)

MariaDB [csd2204w18]> truncate table customers;

Query OK, 0 rows affected (0.20 sec)

MariaDB [csd2204w18]> select \* from customers;

Empty set (0.00 sec)

MariaDB [csd2204w18]> desc customers;

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

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

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

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

| name | varchar(20) | YES | | NULL | |

| nickname | varchar(20) | 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]> insert into customers values(1,'Ashley','Ash','32 Washington street','WDC',321200);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> insert into customers values(2,'Bob marley','Bm','Keele street','Toronto',100100);

Query OK, 1 row affected (0.04 sec)

MariaDB [csd2204w18]> insert into customers values(3,'Cherlies Theron','Cher','329 Empire state Building','New York',120134);

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> insert into customers values(4,'Denial Jack','DJ','Spartan Building. East','Brazil',341020);

Query OK, 1 row affected (0.07 sec)

MariaDB [csd2204w18]> insert into customers values(5,'Donna newman','New','250 Carlson blvd','Toronto',130120);

Query OK, 1 row affected (0.42 sec)

MariaDB [csd2204w18]> insert into customers values(6,'Eston M.','M.','21 York. DV.','Toronto',201023);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customers values(7,'Bobby Chacko','Chac','Kennedy','New York',320300);

Query OK, 1 row affected (0.07 sec)

MariaDB [csd2204w18]> insert into customers values(8,'Ashko Chsrles','AK','Washington D.C.','USA',421044);

Query OK, 1 row affected (0.05 sec)

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

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> insert into customers values(10,'Jack Sp','Sparrow','Oaster village','New Jersey',102301);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> select \* from customers;

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

| customerID | name | nickname | address | city | postalCode |

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

| 1 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Denial Jack | DJ | Spartan Building. East | Brazil | 341020 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

| 8 | Ashko Chsrles | AK | Washington D.C. | USA | 421044 |

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

| 10 | Jack Sp | Sparrow | Oaster village | New Jersey | 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 customers where city="Toronto";

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

| customerID | name | nickname | address | city | postalCode |

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

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

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

3 rows in set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalCode |

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

| 1 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where city='Toronto'|| city='New York';

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

| customerID | name | nickname | address | city | postalCode |

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

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname='Bm' && city='Toronto';

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

| customerID | name | nickname | address | city | postalCode |

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

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customerID=4 || customer=6;

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

MariaDB [csd2204w18]> select \* from customers where customerID=4 || customerID=6;

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

| customerID | name | nickname | address | city | postalCode |

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

| 4 | Denial Jack | DJ | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

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

2 rows in set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalCode |

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

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Denial Jack | DJ | Spartan Building. East | Brazil | 341020 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

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

6 rows in set (0.00 sec)

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

Empty set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalCode |

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

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Denial Jack | DJ | Spartan Building. East | Brazil | 341020 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

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

6 rows in set (0.00 sec)

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

Empty set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalCode |

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

| 4 | Denial Jack | DJ | Spartan Building. East | Brazil | 341020 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

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

2 rows in set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalCode |

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

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

| 10 | Jack Sp | Sparrow | Oaster village | New Jersey | 102301 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name like '%o';

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

| customerID | name | nickname | address | city | postalCode |

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

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

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

1 row in set (0.00 sec)

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

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

| customerID | name | nickname | address | city | postalCode |

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

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

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

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name like 'd%' && city='Toronto';

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

| customerID | name | nickname | address | city | postalCode |

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

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where id=2 && id=4 && id=7 && id=9;

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

MariaDB [csd2204w18]> select \* from customers where customerID in (2,4,7,9);

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

| customerID | name | nickname | address | city | postalCode |

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

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Denial Jack | DJ | Spartan Building. East | Brazil | 341020 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

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

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname in ('Bm','DJ','New');

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

| customerID | name | nickname | address | city | postalCode |

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

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Denial Jack | DJ | Spartan Building. East | Brazil | 341020 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]>