Setting environment for using XAMPP for Windows.

730243@128-IMAC04 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 (0.00 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

-> customers ID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> 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 'ID int(2),

name varchar(40),

nickname varchar(10),

address varchar(50),

city var' at line 2

MariaDB [csd2204w18]> create table customers(

-> customers ID int(2);

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 'ID int(2)' at line 2

MariaDB [csd2204w18]> create table customers(

-> customers ID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> 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 'ID int(2),

name varchar(40),

nickname varchar(10),

address varchar(50),

city var' at line 2

MariaDB [csd2204w18]> create table customers(

-> customersID int(2),

-> name varchar(40),

-> address varchar(50),

-> city varchar(30),

-> postalCode int(6)

-> );

Query OK, 0 rows affected (0.58 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 | |

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

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

| postalCode | int(6) | YES | | NULL | |

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

5 rows in set (0.01 sec)

MariaDB [csd2204w18]> describe customers;

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

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

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

| customersID | int(2) | YES | | NULL | |

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

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

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

| postalCode | int(6) | YES | | NULL | |

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

5 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,

`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 c1 values(1,'sumdeep','kaur','north york','toronto',123456);

ERROR 1146 (42S02): Table 'csd2204w18.c1' doesn't exist

MariaDB [csd2204w18]> insert into customers values(1,'sumdeep','kaur','north york','toronto',123456);

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

MariaDB [csd2204w18]> create table customers(

-> customersID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50);

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 5

MariaDB [csd2204w18]> create table customers(

-> customersID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalCode int(6)

-> );

ERROR 1050 (42S01): Table 'customers' already exists

MariaDB [csd2204w18]> create table c2(

-> c2ID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalCode int(6)

-> );

Query OK, 0 rows affected (1.00 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c2 |

| customers |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> desc c2;

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

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

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

| c2ID | 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]> describe c2;

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

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

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

| c2ID | 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 (0.03 sec)

MariaDB [csd2204w18]> show create table c2;

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

| Table | Create Table |

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

| c2 | CREATE TABLE `c2` (

`c2ID` 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 c2 values(1,'sumdeep','kaur','north york','toronto',123456);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c2 values(2,'ashley','ash','32 washington street','WDC',321200);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c2 values(3,'bob marley','bob','leith hill road','brazil',142026);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c2 values(4,'michael brown','michael','256 carlson blvd','tornto',130120);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into c2 values(5,'bobby chacko','chac','kennedy','new york',201023);

Query OK, 1 row affected (0.44 sec)

MariaDB [csd2204w18]> insert into c2 values(6,'ashko charles','AK','oakville','USA",102301);

'> ';

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]> insert into c2 values(6,'ashko charles','AK','oakville','USA',102301);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into c2 values(7,'tony special','specie','oaster village','new jersey',341020);

Query OK, 1 row affected (0.01 sec)

MariaDB [csd2204w18]> insert into c2 values(8,'jack SP','sparrow','21 york blvd','GTA',418921);

Query OK, 1 row affected (0.83 sec)

MariaDB [csd2204w18]> insert into c2 values(9,'denial jack','DJ','building east','america',456789);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into c2 values(10,'donna newman','new','empire state building',201023);

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

MariaDB [csd2204w18]> insert into c2 values(10,'donna newman','new','empire state building','libanon',201023);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> select \* from c2;

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

| c2ID | name | nickname | address | city | postalCode |

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

| 1 | sumdeep | kaur | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington street | WDC | 321200 |

| 3 | bob marley | bob | leith hill road | brazil | 142026 |

| 4 | michael brown | michael | 256 carlson blvd | tornto | 130120 |

| 5 | bobby chacko | chac | kennedy | new york | 201023 |

| 6 | ashko charles | AK | oakville | USA | 102301 |

| 7 | tony special | specie | oaster village | new jersey | 341020 |

| 8 | jack SP | sparrow | 21 york blvd | GTA | 418921 |

| 9 | denial jack | DJ | building east | america | 456789 |

| 10 | donna newman | new | empire state building | libanon | 201023 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c2 WHERE city='toronto';

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

| c2ID | name | nickname | address | city | postalCode |

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

| 1 | sumdeep | kaur | north york | toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c2 WHERE city='toronto' OR city='new york';

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

| c2ID | name | nickname | address | city | postalCode |

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

| 1 | sumdeep | kaur | north york | toronto | 123456 |

| 5 | bobby chacko | chac | kennedy | new york | 201023 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c2 WHERE c2ID between 2 and 7;

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

| c2ID | name | nickname | address | city | postalCode |

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

| 2 | ashley | ash | 32 washington street | WDC | 321200 |

| 3 | bob marley | bob | leith hill road | brazil | 142026 |

| 4 | michael brown | michael | 256 carlson blvd | tornto | 130120 |

| 5 | bobby chacko | chac | kennedy | new york | 201023 |

| 6 | ashko charles | AK | oakville | USA | 102301 |

| 7 | tony special | specie | oaster village | new jersey | 341020 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c2 WHERE c2ID between 7 and 2;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c2 WHERE name LIKE '\_o%';

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

| c2ID | name | nickname | address | city | postalCode |

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

| 3 | bob marley | bob | leith hill road | brazil | 142026 |

| 5 | bobby chacko | chac | kennedy | new york | 201023 |

| 7 | tony special | specie | oaster village | new jersey | 341020 |

| 10 | donna newman | new | empire state building | libanon | 201023 |

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

4 rows in set (0.00 sec)

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

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 name LIKE '\_on%'' at line 1

MariaDB [csd2204w18]> select \* from c2 WHERE name LIKE 'on%';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c2 WHERE name LIKE 'd%' and city=toronto;

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

MariaDB [csd2204w18]> select \* from c2 WHERE name LIKE 'd%' and city='toronto';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c2 WHERE c2ID IN(2,4,7,5);

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

| c2ID | name | nickname | address | city | postalCode |

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

| 2 | ashley | ash | 32 washington street | WDC | 321200 |

| 4 | michael brown | michael | 256 carlson blvd | tornto | 130120 |

| 5 | bobby chacko | chac | kennedy | new york | 201023 |

| 7 | tony special | specie | oaster village | new jersey | 341020 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c2 WHERE nickname IN ('kaur','chac');

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

| c2ID | name | nickname | address | city | postalCode |

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

| 1 | sumdeep | kaur | north york | toronto | 123456 |

| 5 | bobby chacko | chac | kennedy | new york | 201023 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> Bye

730243@128-IMAC04 c:\xampp

#