Setting environment for using XAMPP for Windows.

710285@128-IMAC39 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 10

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)]> 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]> desc customers;

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

MariaDB [csd2204w18]> create table c1(

-> customerID int(2),

-> name varchar(20),

-> nickname varchar(20),

-> address varchar(50),

-> city varchar(20),

-> postalcode int(6)

-> );Bye

710285@128-IMAC39 c:\xampp

#

710285@128-IMAC39 c:\xampp

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710285@128-IMAC39 c:\xampp

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710285@128-IMAC39 c:\xampp

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710285@128-IMAC39 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 11

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 |

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

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table c1(

-> customerId int(2),

-> name varchar(20),

-> nickname varchar(20),

-> address varchar(50),

-> city varchar(20),

-> postalCode int(6)

-> );

Query OK, 0 rows affected (0.55 sec)

MariaDB [csd2204w18]> desc c1;

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

| 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(20) | YES | | NULL | |

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

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> show create table c1;

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

| Table | Create Table |

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

| c1 | CREATE TABLE `c1` (

`customerId` int(2) DEFAULT NULL,

`name` varchar(20) DEFAULT NULL,

`nickname` varchar(20) DEFAULT NULL,

`address` varchar(50) DEFAULT NULL,

`city` varchar(20) 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,'Jaydeep','JD','NorthYork','Toronto',M2J1L9);

ERROR 1054 (42S22): Unknown column 'M2J1L9' in 'field list'

MariaDB [csd2204w18]> insert into c1 values(1,'Jaydeep','JD','NorthYork','Toronto',123456);

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> show c1;

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 'c1' at line 1

MariaDB [csd2204w18]> desc c1;

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

| 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(20) | YES | | NULL | |

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

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

6 rows in set (0.02 sec)

MariaDB [csd2204w18]> show tabledata c1;

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 'tabledata c1' at line 1

MariaDB [csd2204w18]> show c1;

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 'c1' at line 1

MariaDB [csd2204w18]> select \* from c1;

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

| customerId | name | nickname | address | city | postalCode |

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> delete from c1 where customerId=1;

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> select \* from c1;

Empty set (0.00 sec)

MariaDB [csd2204w18]> insert into c1 values(1,'Ashley','Ash','32 Washington Street', 'WDC',321200);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c1 values(2,'Bob Marley','Bm','32 Keele Street', 'Toronto',100100);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c1 values(3,'Cherlies Theron','Cher','329 Empire State Building', 'New York',120134);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into c1 values(4,'Denial Jack','DJ','Sparton Bulding East', 'Brazil',341020);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into c1 values(5,'Donna Newman','New','250 Carlson Blvd', 'Toronto',130120);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into c1 values(6,'Eston M.','M.','21 York. DV.', 'Toronto',201023);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c1 values(7,'Bobby Chacko.','Chac','Kennedy', 'New York',320300);

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> insert into c1 values(8,'Ashko Charles','AK','Washington D.C.', 'USA',421044);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c1 values(9,'Tony Special','Specie','Oakville', 'GTA',418921);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c1 values(10,'Jack Sp','Sparrow','Oaster village', 'New Jersey',102301);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> select \* from c1;

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

| customerId | name | nickname | address | city | postalCode |

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

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding 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 Charles | 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 c1 WHERE city='Toronto';

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 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 c1 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 c1 WHERE city='Toronto' OR city='New York';

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 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 c1 WHERE city='Toronto' AND nick='Bm';

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

MariaDB [csd2204w18]> select \* from c1 WHERE city='Toronto' AND nickname='Bm';

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE customerId=4 OR customerId=6;

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

| customerId | name | nickname | address | city | postalCode |

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

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE customerId between 2and 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 '7' at line 1

MariaDB [csd2204w18]> select \* from c1 WHERE customerId between 2 and 7;

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding 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 c1 WHERE customerId 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 c1 WHERE customerId between 2 AND 7;

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding 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 c1 WHERE customerId between 7 AND 2;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE nickname between 'Bm' AND 'New';

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding 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 c1 WHERE nickname between 'New' AND 'Bm';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE nickname='Bm' AND nickname='New';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE nickname='Bm' OR nickname='New';

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

| 5 | Donna Newman | New | 250 Carlson Blvd | Toronto | 130120 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE name LIKE'D%';

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

| customerId | name | nickname | address | city | postalCode |

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

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

| 5 | Donna Newman | New | 250 Carlson Blvd | Toronto | 130120 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE name LIKE'N%';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 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 c1 WHERE name LIKE'%o';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE name LIKE'\_o%';

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 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 c1 WHERE name LIKE'\_on%';

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

| customerId | name | nickname | address | city | postalCode |

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

| 5 | Donna Newman | New | 250 Carlson Blvd | Toronto | 130120 |

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 WHERE name LIKE'D%' AND 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 c1 WHERE customerId IN(2,4,7,9);

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

| 4 | Denial Jack | DJ | Sparton Bulding 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 c1 WHERE nickname IN('Bm','DJ,'New');

'> ;

'>

'>

'>

'>

'>

'>

'>

'> exit;

'> break;

'> Bye

710285@128-IMAC39 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 12

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]> select \* from c1 WHERE nickname IN('Bm','DJ','New');

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

| 5 | Donna Newman | New | 250 Carlson Blvd | Toronto | 130120 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> Bye

710285@128-IMAC39 c:\xampp

#

710285@128-IMAC39 c:\xampp

#