Setting environment for using XAMPP for Windows.

711475@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 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)]> use csd2204w18;

ERROR 1049 (42000): Unknown database 'csd2204w18'

MariaDB [(none)]> show csd2204w18;

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 'csd2204w18' at line 1

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

| w2018 |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204w18

ERROR 1049 (42000): Unknown database 'csd2204w18'

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

| w2018 |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> use w2018;

Database changed

MariaDB [w2018]> create table customers(

-> -> customerID int(2),

-> -> name varchar(20),

-> -> 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 '-> customerID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [w2018]> create table customers(

-> customerID int(2),

-> name varchar(20),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalcode int(6)

-> );

Query OK, 0 rows affected (0.29 sec)

MariaDB [w2018]> show tables;

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

| Tables\_in\_w2018 |

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

| customers |

| manufacturers |

| products |

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

3 rows in set (0.01 sec)

MariaDB [w2018]> create database csd2204w18;

ERROR 1007 (HY000): Can't create database 'csd2204w18'; database exists

MariaDB [w2018]> show databases;

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

| Database |

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

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

| w2018 |

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

7 rows in set (0.01 sec)

MariaDB [w2018]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table customers(

-> customerID int(2),

-> name varchar(20),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalcode int(6)

-> );

Query OK, 0 rows affected (0.42 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customers |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customers values(1,'foram','fori','scarborough','toronto',1256);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customers values(2,'Himauli','him','north york','toronto',1257);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> insert into customers values(3,'Harsh','hash','markham','brampton',1258);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customers values(4,'Khushbu','Khushi','brian dv','brampton',1259);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customers values(5,'John','j','elsemer','toronto',1260);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> truncate table customers;

Query OK, 0 rows affected (0.31 sec)

MariaDB [csd2204w18]> desc customers;

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

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

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

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

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

Query OK, 1 row affected (0.03 sec)

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

Query OK, 1 row affected (0.03 sec)

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

Query OK, 1 row affected (0.13 sec)

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

Query OK, 1 row affected (0.06 sec)

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

Query OK, 1 row affected (0.03 sec)

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

Query OK, 1 row affected (0.09 sec)

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

Query OK, 1 row affected (0.05 sec)

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

Query OK, 1 row affected (0.08 sec)

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

Query OK, 1 row affected (0.06 sec)

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

Query OK, 1 row affected (0.06 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 | Charlies Theron | Cher | 329 Empire street 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 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 customer where name LIKE'%n';

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

2 rows in set (0.00 sec)

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

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 'LIKE'%y'' at line 1

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customerID NOT BETWEEN 4 AND 7;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

| 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 |

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

6 rows in set (0.04 sec)

MariaDB [csd2204w18]> select \* from customers where nickname NOT IN('Bm','AK','Sparrow');

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 |

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customerID,name,nickname from customers where nickname NOT IN('Bm','AK','Sparrow');

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

| customerID | name | nickname |

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

| 1 | Ashley | Ash |

| 3 | Charlies Theron | Cher |

| 4 | Denial Jack | DJ |

| 5 | Donna newman | New |

| 6 | Eston M. | M. |

| 7 | Bobby Chacko | Chac |

| 9 | Tony Special | Specie |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customerID,name,city from customers where nickname NOT IN('Bm','AK','Sparrow');

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

| customerID | name | city |

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

| 1 | Ashley | WDC |

| 3 | Charlies Theron | New York |

| 4 | Denial Jack | Brazil |

| 5 | Donna newman | Toronto |

| 6 | Eston M. | Toronto |

| 7 | Bobby Chacko | New York |

| 9 | Tony Special | GTA |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customerID,name AS "FULLName",nickname from customers where nickname NOT IN('Bm','AK','Sparrow');

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

| customerID | FULLName | nickname |

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

| 1 | Ashley | Ash |

| 3 | Charlies Theron | Cher |

| 4 | Denial Jack | DJ |

| 5 | Donna newman | New |

| 6 | Eston M. | M. |

| 7 | Bobby Chacko | Chac |

| 9 | Tony Special | Specie |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customerID,name AS "FULLName" from customers where nickname NOT IN('Bm','AK','Sparrow');

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

| customerID | FULLName |

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

| 1 | Ashley |

| 3 | Charlies Theron |

| 4 | Denial Jack |

| 5 | Donna newman |

| 6 | Eston M. |

| 7 | Bobby Chacko |

| 9 | Tony Special |

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

7 rows in set (0.00 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 | Charlies Theron | Cher | 329 Empire street 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 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 count(\*) from customers where name LIKE'A%';

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

| count(\*) |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as Name from customers where name LIKE'A%';

+------+

| Name |

+------+

| 2 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) from customers where city='Toronto';

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

| count(\*) |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as City from customers where city='Toronto';

+------+

| City |

+------+

| 3 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as Toronto Customers from customers 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 'Customers from customers where city='Toronto'' at line 1

MariaDB [csd2204w18]> select count(\*) as Toronto customers from customers 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 'customers from customers where city='Toronto'' at line 1

MariaDB [csd2204w18]> select count(\*) as "Toronto customers" from customers where city='Toronto';

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

| Toronto customers |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select DISTINCT city from customers;

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

| city |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as DISTINCTcities from customers GROUP BY name;

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

| DISTINCTcities |

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

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as "Name",city from customers group by city;

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

| Name | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as Number,city from customers where name=@name;

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

| Number | city |

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

| 0 | NULL |

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

1 row in set (0.11 sec)

MariaDB [csd2204w18]> select count(\*) as "Name",city from customers group by city;

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

| Name | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by name;

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

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 |

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by name desc;

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

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

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by name asc;

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

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 |

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalcode asc;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 |

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalcode desc;

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

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

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

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

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by city asc;

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by city,postalcode asc;

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

| 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 |

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalcode asc;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 |

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalcode,city asc;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 |

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by city asc,postalcode desc;

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

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by customerID desc,name asc,city desc;

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

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

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

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

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into customers values(10,'Foram','AK','Washington D.C.','USA',421044);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> select \* from customers order by customerID desc,name asc,city desc;

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

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

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

| 10 | Foram | AK | Washington D.C. | USA | 421044 |

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

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

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> delete from customers where name='Foram';

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> select \* from customers where name='D%' order by city desc;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE'D%' order by city desc;

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE'D%' group by city desc;

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE'D%' group by city;

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

| 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;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 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 min(postalcode) from customers;

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

| min(postalcode) |

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

| 100100 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select max(postalcode) from customers;

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

| max(postalcode) |

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

| 421044 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select sum(postalcode) from customers;

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

| sum(postalcode) |

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

| 2476163 |

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

1 row in set (0.02 sec)

MariaDB [csd2204w18]> select avg(postalcode) from customers;

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

| avg(postalcode) |

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

| 247616.3000 |

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

1 row in set (0.02 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 | Charlies Theron | Cher | 329 Empire street 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 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 customers where name LIKE'%e%';

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 |

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

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

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE'T%y';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE'T%l';

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

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

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

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

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE'%e%' and 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 distinct city from customers where name LIKE'%e%';

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

| city |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct city,name from customers where name LIKE'%e%';

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

| city | name |

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

| WDC | Ashley |

| Toronto | Bob marley |

| New York | Charlies Theron |

| Brazil | Denial Jack |

| Toronto | Donna newman |

| Toronto | Eston M. |

| USA | Ashko Charles |

| GTA | Tony Special |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where address not like''%[^0-9]%;

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 '%[^0-9]%' at line 1

MariaDB [csd2204w18]> select \* from customers where address not like'%[^0-9]%;

'> '

-> ;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 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 customers where address not like'%[0-9]%;

'> '

-> ;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 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 city,count(city)\*100/10 as "Customers %" from customers group by city;

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

| city | Customers % |

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

| Brazil | 10.0000 |

| GTA | 10.0000 |

| New Jersey | 10.0000 |

| New York | 20.0000 |

| Toronto | 30.0000 |

| USA | 10.0000 |

| WDC | 10.0000 |

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

7 rows in set (0.03 sec)

MariaDB [csd2204w18]> select \* from customers limit 5;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers limit 3;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers limit -3;

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 '-3' at line 1

MariaDB [csd2204w18]> select \* from customers desc limit 3;

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 'desc limit 3' at line 1

MariaDB [csd2204w18]> select \* from customers order by customerID desc limit 3;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customerID>=customerID-1 order by customerID;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 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 (0.03 sec)

MariaDB [csd2204w18]> select \* from customers order by customerID desc limit 3;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by customerID desc limit 3 order by customerID asc;

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 'order by customerID asc' at line 1

MariaDB [csd2204w18]> (select \* from customers order by customerID desc limit 3) order by customerID asc;

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

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

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

| 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 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from (select \* from customers order by customerID desc limit 3) order by customerID asc;

ERROR 1248 (42000): Every derived table must have its own alias

MariaDB [csd2204w18]> select \* from (select \* from customers order by customerID desc limit 3) f order by customerID asc;

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

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

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

| 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 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into customers (customerID,name) values (11,'Keshav');

Query OK, 1 row affected (0.12 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 | Charlies Theron | Cher | 329 Empire street 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 Charles | AK | Washington D.C. | USA | 421044 |

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

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

| 11 | Keshav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname is NULL;

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

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

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

| 11 | Keshav | NULL | NULL | NULL | NULL |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname is NOT NULL;

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

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street 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 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 customers where CHAR\_LENGTH()>2;

ERROR 1582 (42000): Incorrect parameter count in the call to native function 'CHAR\_LENGTH'

MariaDB [csd2204w18]> select \* from customers where CHAR\_LENGTH(nickname)>2;

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

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

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

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

| 3 | Charlies Theron | Cher | 329 Empire street Building | New York | 120134 |

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

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

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

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

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

6 rows in set (0.01 sec)

MariaDB [csd2204w18]>