Setting environment for using XAMPP for Windows.

725975@128-IMAC15 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)]> use customers;

ERROR 1049 (42000): Unknown database 'customers'

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)]> create table customers(

-> -> customerID int(2),

-> -> name varchar(20),

-> -> nickname varchar(20),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6),

-> -> );

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> show tables;

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> use customers;

ERROR 1049 (42000): Unknown database 'customers'

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show tables;

Empty set (0.00 sec)

MariaDB [csd2204w18]> create table customers(

-> customerID int(2),

-> Bye

725975@128-IMAC15 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)]> use csd2204w18;

Database changed

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 (0.36 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customers |

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

1 row in set (0.00 sec)

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

Query OK, 1 row affected (0.44 sec)

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

Query OK, 1 row affected (0.13 sec)

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

Query OK, 1 row affected (0.22 sec)

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

Query OK, 1 row affected (0.33 sec)

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

Query OK, 1 row affected (0.14 sec)

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

Query OK, 1 row affected (0.16 sec)

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

Query OK, 1 row affected (0.08 sec)

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

Query OK, 1 row affected (0.06 sec)

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

Query OK, 1 row affected (0.14 sec)

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

Query OK, 1 row affected (0.05 sec)

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

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

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

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

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

| 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 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname not between (Bm,AK,Sparrow);

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]> select \* from customers where nickname not between ('Bm','AK','Sparrow');

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]> 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 | 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 |

| 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 | Cherlies 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;

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

| customerID | name | city |

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

| 1 | Ashley | WDC |

| 2 | Bob marley | Toronto |

| 3 | Cherlies Theron | New York |

| 4 | Denial Jack | Brazil |

| 5 | Donna newman | Toronto |

| 6 | Eston M. | Toronto |

| 7 | Bobby Chacko | New York |

| 8 | Ashko Chsrles | USA |

| 9 | Tony Special | GTA |

| 10 | Jack Sp | New Jersey |

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

10 rows in set (0.00 sec)

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

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

| name | city |

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

| Ashley | WDC |

| Cherlies Theron | New York |

| Denial Jack | Brazil |

| Donna newman | Toronto |

| Eston M. | Toronto |

| Bobby Chacko | New York |

| Tony Special | GTA |

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

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 | Cherlies 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 | Cherlies 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" from customers where nickname not in ('Bm','AK','Sparrow');

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

| customerID | Fullname |

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

| 1 | Ashley |

| 3 | Cherlies 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 count(\*) from customers where name like 'a%'

-> ;

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

| count(\*) |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as "first letter A" from customers where name like 'a%'

-> ;

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

| first letter A |

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

| 2 |

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

1 row in set (0.00 sec)

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(distinct(city)) from customers;

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

| count(distinct(city)) |

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

| 7 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(name),distinct(city) from 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 'distinct(city) from customers' at line 1

MariaDB [csd2204w18]> select name,distinct(city) from customers group by city;

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 'distinct(city) from customers group by city' at line 1

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

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

| Number | city |

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

| 10 | WDC |

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

1 row in set (0.00 sec)

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

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

| Number | 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 Chsrles | 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 | 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 |

| 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 | Cherlies Theron | Cher | 329 Empire state 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 Chsrles | 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 Chsrles | 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 | 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 |

| 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 count(\*) as "Number",distinct city from 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 'distinct city from customers' at line 1

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

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

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

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

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 | Cherlies Theron | Cher | 329 Empire state 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 Chsrles | 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 | Cherlies Theron | Cher | 329 Empire state 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 Chsrles | 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 | 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 |

| 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 Chsrles | 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 | 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 |

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

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

10 rows in set (0.00 sec)

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

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

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

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

| 8 | Ashko Chsrles | 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 | Cherlies Theron | Cher | 329 Empire state 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,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 | Cherlies Theron | Cher | 329 Empire state 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 Chsrles | 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 Chsrles | 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 | Cherlies Theron | Cher | 329 Empire state 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,'Himauli','HML','Oaster village','New Jersey',112301);

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 | Himauli | HML | Oaster village | New Jersey | 112301 |

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

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

| 8 | Ashko Chsrles | 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 | Cherlies Theron | Cher | 329 Empire state 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='Himauli';

Query OK, 1 row affected (0.03 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 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 (0.00 sec)

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

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

| avg(postalCode) |

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

| 247616.3000 |

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

1 row 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 | 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 \* form customers where name like'%n%';

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 'form customers where name like'%n%'' at line 1

MariaDB [csd2204w18]> select \* form customers 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 'form customers where name like'%on%'' at line 1

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

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

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

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

| 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 |

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

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city),name from customers where name like'%ch%' ;

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

| city | name |

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

| New York | Cherlies Theron |

| New York | Bobby Chacko |

| USA | Ashko Chsrles |

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

3 rows in set (0.00 sec)

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

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

| city | name |

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

| New York | Cherlies Theron |

| New York | Bobby Chacko |

| USA | Ashko Chsrles |

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

3 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 | 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 customers where address not like '%32%';;

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

| 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 |

| 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 |

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

8 rows in set (0.00 sec)

ERROR: No query specified

MariaDB [csd2204w18]> select \* from customers where address not between 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 '&& 9' at line 1

MariaDB [csd2204w18]> select \* from customers where address not between 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 '' at line 1

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

Empty set, 4 warnings (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 | 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, 4 warnings (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 | 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 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 | 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 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 | 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 distinct(city),count(name) from customers;

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

| city | count(name) |

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

| WDC | 10 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city),count(name) from customers gorup by city;

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 'by city' 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 | 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 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 | 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 customers where address not like'3%';

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

| 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 |

| 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 |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where address not like '2%' && '3%';

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

| 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 |

| 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 |

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

8 rows in set, 4 warnings (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where address not like '2%' && not like '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 'like '3%'' at line 1

MariaDB [csd2204w18]> select \* from customers where address not like '2%' && address not like '3%';

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

| 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 |

| 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 |

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

6 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 (0.00 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 | 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 |

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

5 rows in set (0.02 sec)

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by customerID 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 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

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

3 rows in set (0.00 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 Chsrles | 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;

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

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

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

| 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 |

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

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) c1 order by customerID asc;

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

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

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

| 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 |

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

3 rows in set (0.00 sec)

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

Query OK, 1 row affected (0.05 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 |

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

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname='null';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname='0/';

Empty 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 nicknam is not NULL;

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

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 | 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 customers where nickname > like '%%';

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 '%%'' at line 1

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 | Cherlies Theron | Cher | 329 Empire state 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 (0.00 sec)

MariaDB [csd2204w18]> select name,nickname from customers where char\_length(nickname)>2;

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

| name | nickname |

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

| Ashley | Ash |

| Cherlies Theron | Cher |

| Donna newman | New |

| Bobby Chacko | Chac |

| Tony Special | Specie |

| Jack Sp | Sparrow |

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

6 rows in set (0.00 sec)