Setting environment for using XAMPP for Windows.

726583@128-IMAC28 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 2

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> show datbase;

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 'datbase' at line 1

MariaDB [(none)]> show database;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'database' at line 1

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

| we2018 |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> create db\_customer;

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 'db\_customer' at line 1

MariaDB [(none)]> create database db\_customer

->

->

-> ;

Query OK, 1 row affected (0.02 sec)

MariaDB [(none)]> create database db\_customer;

ERROR 1007 (HY000): Can't create database 'db\_customer'; database exists

MariaDB [(none)]> delete database db\_customer;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'database db\_customer' at line 1

MariaDB [(none)]> create database db\_csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use csd2204w18;

ERROR 1049 (42000): Unknown database 'csd2204w18'

MariaDB [(none)]> use database db\_csd2204w18;

ERROR 1049 (42000): Unknown database 'database'

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use database csd2204w18;

ERROR 1049 (42000): Unknown database 'database'

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> \c

MariaDB [csd2204w18]> \c;

ERROR: No query specified

MariaDB [csd2204w18]> create table customers(customerID int(2),name varchar(20),nickname varchar(10),address varchar(50),city varchar(10),postalcode int(6));

Query OK, 0 rows affected (0.50 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customers |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> show attributes;

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 'attributes' at line 1

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

Query OK, 1 row affected (0.06 sec)

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

Query OK, 1 row affected (0.39 sec)

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

Query OK, 1 row affected (0.06 sec)

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

Query OK, 1 row affected (0.14 sec)

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

Query OK, 1 row affected (0.06 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,'Booby Chacko','Chao','Kennedy','New York',320300);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customers values(8,'Ashko Charles','AK','Wahington DC','USA',421844);

Query OK, 1 row affected (0.09 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','Oastar 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 | 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 | Booby Chacko | Chao | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

2 rows in set (0.00 sec)

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

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

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

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

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

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

1 row in set (0.00 sec)

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

Empty set (0.03 sec)

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

Empty set, 4 warnings (0.00 sec)

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

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

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

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

5 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

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

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

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

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

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

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

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

2 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

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

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

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

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

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

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

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

2 rows in set (0.00 sec)

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

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

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

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customerID not in (4,7);

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

| 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 |

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customerID not in (4,5,6,7);

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

| 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 Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname not in ('Bm','Ak',"Sparrow');

">

">

">

"> /n

">

"> ;

"> select \* from customers where nickname not in('Bm','Ak",'Sparroww');

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

| 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 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

8 rows in set (0.02 sec)

MariaDB [csd2204w18]> select customerID,name,city from customers where nickname not in('Bm','Ak",'Sparroww');

'>

'> select customerID,name,city from customers where nickname not in('Bm','Ak','Sparrow');

'>

'> select \* from customers where nickname not in('Bm','Ak",'Sparroww');

">

"> ;

"> select \* from customers where nickname not in('Bm','Ak",'Sparroww');

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 'Sparroww');

select customerID,name,city from customers where nickname not in('B' at line 1

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

'> select customerID,name,city from customers where nickname not in('Bm','Ak','Sparroww');

'>

'> ;

'>

'> select customerID,name,city from customers where nickname not in('Bm','Ak','Sparroww');

'> ;

'> ;

'>

'> select \* from customers where nickname not in('Bm','Ak",'Sparroww');

">

">

">

">

">

"> ;

"> ;

"> ;

"> ;

"> ;

"> \c

"> \n

"> select \* from customers;

">

">

">

">

"> ;

"> select count(\*) from customers where name like 'a%';

"> ';

"> ';

"> '';

"> ''';

"> '

"> '

"> '

"> '

"> '

"> ;

"> ';

"> ''''';

"> Bye

726583@128-IMAC28 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 3

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select\* from 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 | Booby Chacko | Chao | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar 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 'No of customer's name starting with A' from Bye

726583@128-IMAC28 c:\xampp

#

726583@128-IMAC28 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 4

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select count(\*) as 'No of customer's name starting with A' from customers where name like 'A%';

'> use csd2204w18;

'> use csd2204w18;

'> '

-> '

'> '

-> '

'> ;

'> ;

'> ;

'> ;

'> ^Z

'> '\c'

'>

'>

'> Bye

726583@128-IMAC28 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 5

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select count(\*) as 'No of customers name starting with A' from customers where name like 'A%';

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

| No of customers name starting with A |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as 'No of customers from Toronto' from customers where city = 'Toronto';

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

| No of customers from Toronto |

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

| 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 (0.08 sec)

MariaDB [csd2204w18]> select distinct(city) as 'Distinct city' from customers;

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

| Distinct city |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(distinct(city)) as 'Distinct city' from customers;

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

| Distinct city |

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

| 7 |

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

1 row in set (0.03 sec)

MariaDB [csd2204w18]> select distinct(count(city)) as 'Distinct city' from customers;

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

| Distinct city |

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

| 10 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city),count(city) as 'Distinct city' from customers;

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

| city | Distinct city |

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

| WDC | 10 |

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

1 row in set (0.00 sec)

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

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

| city | count(city) |

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

| WDC | 10 |

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

1 row in set (0.01 sec)

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

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

| city | count(distinct(city)) |

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

| WDC | 7 |

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

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 city,count(distinct(city)) from customers;

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

| city | count(distinct(city)) |

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

| WDC | 7 |

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

1 row in set (0.01 sec)

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

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

| city | count(distinct(city)) |

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

| WDC | 7 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select (distinct(city)) as 'cities' 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)) as 'cities' from customers group by city' at line 1

MariaDB [csd2204w18]> select (distinct(city)) as 'cities',count(\*) as 'no of occurance' 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)) as 'cities',count(\*) as 'no of occurance' from customers group b' at line 1

MariaDB [csd2204w18]> select distinct(city) as 'cities',count(\*) as 'no of occurance' from customers group by city;

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

| cities | no of occurance |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 3 |

| USA | 1 |

| WDC | 1 |

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

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 | Wahington DC | USA | 421844 |

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

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

| 7 | Booby Chacko | Chao | 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 | Oastar Village | New Jersey | 102301 |

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

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

10 rows in set (0.03 sec)

ERROR: No query specified

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 | Oastar 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 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

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 | Wahington DC | USA | 421844 |

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

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

| 7 | Booby Chacko | Chao | 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 | Oastar 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;

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

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

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

| 7 | Booby Chacko | Chao | 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 | Oastar 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 | Oastar 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 | Booby Chacko | Chao | 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 | Wahington DC | USA | 421844 |

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

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 | Wahington DC | USA | 421844 |

| 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 | Booby Chacko | Chao | 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 | Oastar 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 | Oastar Village | New Jersey | 102301 |

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

| 7 | Booby Chacko | Chao | 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 | Wahington DC | USA | 421844 |

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by city asc, 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 | Oastar Village | New Jersey | 102301 |

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

| 7 | Booby Chacko | Chao | 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 | Wahington DC | USA | 421844 |

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

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

10 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 | Booby Chacko | Chao | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

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 | Oastar Village | New Jersey | 102301 |

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

| 7 | Booby Chacko | Chao | 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 | Wahington DC | USA | 421844 |

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

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

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 | Oastar 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 | Booby Chacko | Chao | 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 | Wahington DC | USA | 421844 |

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

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 Charles | AK | Wahington DC | USA | 421844 |

| 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 | Booby Chacko | Chao | 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 | Oastar 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 | Oastar Village | New Jersey | 102301 |

| 7 | Booby Chacko | Chao | 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 Charles | AK | Wahington DC | USA | 421844 |

| 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 | Oastar Village | New Jersey | 102301 |

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

| 7 | Booby Chacko | Chao | 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]> select \* from customers group by city;

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

| 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 | Oastar Village | New Jersey | 102301 |

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

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

7 rows in set (0.00 sec)

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

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

| count(\*) | 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 'no of occurrances,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 ''

;

;

'' at line 2

MariaDB [csd2204w18]> select count(\*) as 'no of occurrances',city from customers group by city;

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

| no of occurrances | 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 'no of occurrances',city,name from customers group by city having name like'd%';

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

| no of occurrances | city | name |

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

| 1 | Brazil | Denial Jack |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* as 'no of occurrances',city,name from customers group by city having name like'd%';

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 'as 'no of occurrances',city,name from customers group by city having name like'd' at line 1

MariaDB [csd2204w18]> select city,name from customers group by city having name like'd%';

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

| city | name |

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

| Brazil | Denial Jack |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select city,name from customers group by city having name like'a%';

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

| city | name |

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

| USA | Ashko Charles |

| WDC | Ashley |

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

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 min(name) from customers;

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

| min(name) |

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

| Ashko Charles |

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

1 row in set (0.00 sec)

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

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

| max(postalcode) |

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

| 421844 |

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

1 row in set (0.00 sec)

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

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

| avg(postalcode) |

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

| 247696.3000 |

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

1 row in set (0.00 sec)

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

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

| sum(postalcode) |

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

| 2476963 |

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

1 row in set (0.00 sec)

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

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

| sum(city) |

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

| 0 |

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

1 row in set, 10 warnings (0.00 sec)

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

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

| 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 | Oastar Village | New Jersey | 102301 |

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers group 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 | Oastar Village | New Jersey | 102301 |

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

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

7 rows in set (0.00 sec)

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

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

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

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

| 7 | Booby Chacko | Chao | 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 | Oastar Village | New Jersey | 102301 |

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

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

10 rows in set (0.00 sec)

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

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 postalcode' at line 1

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

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

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

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

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

| 10 | JAck Sp | Sparrow | Oastar 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 | Booby Chacko | Chao | 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 | Wahington DC | USA | 421844 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select name from customers group by city order by postalcode;

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

| name |

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

| Bob Marley |

| JAck Sp |

| Cherlies Theron |

| Ashley |

| Denial Jack |

| Tony Special |

| Ashko Charles |

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

7 rows in set (0.02 sec)

MariaDB [csd2204w18]> select name,city,postalcode from customers group by city order by postalcode;

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

| name | city | postalcode |

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

| Bob Marley | Toronto | 100100 |

| JAck Sp | New Jersey | 102301 |

| Cherlies Theron | New York | 120134 |

| Ashley | WDC | 321200 |

| Denial Jack | Brazil | 341020 |

| Tony Special | GTA | 418921 |

| Ashko Charles | USA | 421844 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) from customers;

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

| count(\*) |

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

| 10 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(city) from customers;

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

| count(city) |

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

| 10 |

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

1 row in set (0.00 sec)

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

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

| count(city) |

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

| 3 |

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

1 row in set (0.00 sec)

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

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

| name | city | postalcode |

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

| Ashley | WDC | 321200 |

| Ashko Charles | USA | 421844 |

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

2 rows in set (0.00 sec)

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

Empty set (0.00 sec)

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

Empty set (0.00 sec)

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

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

| name | city | postalcode |

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

| Bob Marley | Toronto | 100100 |

| Donna Newman | Toronto | 130120 |

| Eston M. | Toronto | 201023 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select nickname,city,postalcode from customers where nickname like'%a';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select nickname,city,postalcode from customers where nickname like's%';

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

| nickname | city | postalcode |

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

| Specie | GTA | 418921 |

| Sparrow | New Jersey | 102301 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname like's%';

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

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

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

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select city,count(city)\*100/10 as 'customer %' from customers group by city;

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

| city | customer % |

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

| 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;

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

| 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 | Booby Chacko | Chao | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

10 rows in set (0.00 sec)

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

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 '='5'' at line 1

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

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 '='5'' at line 1

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

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 '=5' at line 1

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 (0.00 sec)

MariaDB [csd2204w18]> select \* from customers limit < 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 '< 6' at line 1

MariaDB [csd2204w18]> select \* from customers between 6 and 10;

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 'between 6 and 10' at line 1

MariaDB [csd2204w18]> select \* from customers limit <= 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 '<= 6' at line 1

MariaDB [csd2204w18]> select \* from customers limit < '66;

'> ';

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 '< '66;

'' at line 1

MariaDB [csd2204w18]> select \* from customers limit < '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 '< '6'' at line 1

MariaDB [csd2204w18]> select \* from customers oder by customerID 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 'by customerID limit 3' at line 1

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 desc customerID 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 customerID 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 | Oastar Village | New Jersey | 102301 |

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

3 rows in set (0.00 sec)

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

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

| customerID | name |

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

| 10 | JAck Sp |

| 9 | Tony Special |

| 8 | Ashko Charles |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customerID,name from customers group customerID order by customerID 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 'customerID order by customerID desc limit 3' at line 1

MariaDB [csd2204w18]> select customerID,name from customers order by customerID desc limit 3;

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

| customerID | name |

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

| 10 | JAck Sp |

| 9 | Tony Special |

| 8 | Ashko Charles |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customerID,name 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 customerID,name from customers order by customerID desc limit 3) order by customerID asc;

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

| customerID | name |

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

| 8 | Ashko Charles |

| 9 | Tony Special |

| 10 | JAck Sp |

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

3 rows in set (0.03 sec)

MariaDB [csd2204w18]>

MariaDB [csd2204w18]>

MariaDB [csd2204w18]>

MariaDB [csd2204w18]>

MariaDB [csd2204w18]>

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

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

| customerID | name |

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

| 8 | Ashko Charles |

| 9 | Tony Special |

| 10 | JAck Sp |

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

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) j1 order by customerID asc;

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

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

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

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

3 rows in set (0.00 sec)

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

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

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

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

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

Query OK, 1 row affected (0.13 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 | Booby Chacko | Chao | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

| 11 | keshav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(nickname) where nickname='null';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where nickname='null'' at line 1

MariaDB [csd2204w18]> select count(nickname) from customers where nickname='null';

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

| count(nickname) |

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

| 0 |

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

1 row 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 is'null';

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 ''null'' at line 1

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]>

MariaDB [csd2204w18]>

MariaDB [csd2204w18]>

MariaDB [csd2204w18]>

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 | 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 | Booby Chacko | Chao | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Wahington DC | USA | 421844 |

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

| 10 | JAck Sp | Sparrow | Oastar Village | New Jersey | 102301 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]>