Setting environment for using XAMPP for Windows.

728699@128-IMAC12 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)]> 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]> create table customers(

-> customersID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalCode int(6)

-> );

Query OK, 0 rows affected (0.95 sec)

MariaDB [csd2204w18]>

MariaDB [csd2204w18]> insert into customers values(1,'navneet','navu','north york','toronto',12345);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customers values(2,'Ashley','Ash','32 Washington street','WDC',321200);

Query OK, 1 row affected (0.14 sec)

MariaDB [csd2204w18]> insert into customers values(3,'Bob marley','Bm','Keele street','Toronto',100100);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customers values(4,'Danial Jack','Cher','329 Empire state Building','New York',120134);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into customers values(5,'Donna newman','New','Spartan Building. East','Brazil',341020);

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> insert into customers values(6,'Eston M.','M.','250 Carlson blvd','Toronto',130120);

Query OK, 1 row affected (0.17 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 Charles','AK','Washington D.C.','USA',421044);

Query OK, 1 row affected (0.13 sec)

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

Query OK, 1 row affected (0.06 sec)

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

Query OK, 1 row affected (0.03 sec)

MariaDB [csd2204w18]> show \* 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 '\* from customers' at line 1

MariaDB [csd2204w18]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | 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 NOT IN ('bM','AK','Sparrow');

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersID,name,nickname FROM customers nickname NOT IN ('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 'NOT IN ('bm',ak','sparrow');

'' at line 1

MariaDB [csd2204w18]> select customersID,name,nickname FROM customers Where nickname NOT IN ('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 '','sparrow');

'' at line 1

MariaDB [csd2204w18]> select customersID,name,nickname FROM customers Where nickname NOT IN ('bm','ak','sparrow');

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

| customersID | name | nickname |

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

| 1 | navneet | navu |

| 2 | Ashley | Ash |

| 4 | Danial Jack | Cher |

| 5 | Donna newman | New |

| 6 | Eston M. | M. |

| 7 | Bobby Chacko | Chac |

| 9 | Tony Special | Species |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersID,name as "Fullname" FROM customers Where nickname NOT IN ('bm','ak','sparrow');

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

| customersID | Fullname |

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

| 1 | navneet |

| 2 | Ashley |

| 4 | Danial 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 "COUNTING" FROM CUSTOMERS WHERE NAME LIKE 'A%';

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

| COUNTING |

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

| 2 |

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

1 row in set (0.02 sec)

MariaDB [csd2204w18]> SELECT \* FROM CUSTOMERS WHERE CITY='TORONTO';

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select COUNT(\*) AS "NUMBER OF CUSTOMER FROM TORONTO" FROM CUSTOMERS WHERE CITY LIKE 'TORONTO%';

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

| NUMBER OF CUSTOMER FROM TORONTO |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city) FROM CUSTOMERS;

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

| city |

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

| toronto |

| WDC |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

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

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

| count(distinct(city)) |

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

| 7 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*),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 count(\*) from (select distinct(city) from customers) AS a1;

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

| count(\*) |

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

| 7 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) AS a2 from (select distinct(city) from customers) AS a1;

+----+

| a2 |

+----+

| 7 |

+----+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) from (select distinct(city) from customers) AS a1;

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

| count(\*) |

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

| 7 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) from customers where city in (select distinct(city) from customers) AS a1;

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 a1' at line 1

MariaDB [csd2204w18]> select count(\*) from customers where city in (select distinct(city) from customers);

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

| count(\*) |

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

| 10 |

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

1 row in set (0.00 sec)

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

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

| city |

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

| toronto |

| WDC |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

10 rows in set (0.00 sec)

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

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

| number of customers from each city | 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;

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

10 rows in set (0.02 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

| 1 | navneet | navu | north york | toronto | 12345 |

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

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

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

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(city) as "number of customers from each city",city from customers group by city;

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

| number of customers from each city | 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 postalcode ;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

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

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 1 | navneet | navu | north york | toronto | 12345 |

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 1 | navneet | navu | north york | toronto | 12345 |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

10 rows in set (0.02 sec)

MariaDB [csd2204w18]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | 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 order by city asc and postalcode desc;

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 city asc and postalcode desc' at line 1

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

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 'and postalcode desc' at line 1

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 1 | navneet | navu | north york | toronto | 12345 |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 1 | navneet | navu | north york | toronto | 12345 |

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

10 rows in set (0.00 sec)

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 'city asc' at line 1

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 1 | navneet | navu | north york | toronto | 12345 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(city) as "number of customers from each city",city from customers group by city;

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

| number of customers from each city | 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 city,name from customers group by city,name;

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

| city | name |

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

| Brazil | Donna newman |

| GTA | Tony Special |

| New Jersey | Jack Sp |

| New York | Bobby Chacko |

| New York | Danial Jack |

| Toronto | Bob marley |

| Toronto | Eston M. |

| toronto | navneet |

| USA | Ashko Charles |

| WDC | Ashley |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select city from customers group by city like 'w%';;

+---------+

| city |

+---------+

| toronto |

| WDC |

+---------+

2 rows in set (0.02 sec)

ERROR: No query specified

MariaDB [csd2204w18]> select city from customers group by city like 'w%';

+---------+

| city |

+---------+

| toronto |

| WDC |

+---------+

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select city from customers group by city like 'n%';

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

| city |

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

| toronto |

| New York |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select

-> ';

'> ';

+----+

| ;

|

+----+

| ;

|

+----+

1 row in set (0.00 sec)

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

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

| min(postalcode) |

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

| 12345 |

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

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) |

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

| 2287485 |

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

1 row in set (0.00 sec)

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

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

| avg(postalcode) |

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

| 228748.5000 |

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

1 row in set (0.00 sec)

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

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

| avg(postalcode) | max(postalcode) |

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

| 228748.5000 | 421044 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select avg(postalcode),max(postalcode) as maximum value 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 'value from customers' at line 1

MariaDB [csd2204w18]> select avg(postalcode),max(postalcode) as "maximum value" from customers;

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

| avg(postalcode) | maximum value |

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

| 228748.5000 | 421044 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select avg(postalcode) as "average value",max(postalcode) as "maximum value" from customers;

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

| average value | maximum value |

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

| 228748.5000 | 421044 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select avg(postalcode) as "average value",max(postalcode) as "maximum value",min(postalcode as "minimum value", sum(postalcode) as "sum" 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 'as "minimum value", sum(postalcode) as "sum" from customers' at line 1

MariaDB [csd2204w18]> select avg(postalcode) as "average value",max(postalcode) as "maximum value",min(postalcode) as "minimum value", sum(postalcode) as "sum" from customers;

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

| average value | maximum value | minimum value | sum |

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

| 228748.5000 | 421044 | 12345 | 2287485 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select cout(city) as "number of customers from each city" , city from customers group by city;

ERROR 1305 (42000): FUNCTION csd2204w18.cout does not exist

MariaDB [csd2204w18]> select cout(city) as "number of customers from each city" 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 'city from customers group by city' at line 1

MariaDB [csd2204w18]> select count(city) as "number of customers from each city", city from customers group by city;

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

| number of customers from each city | 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 nickname from customers order by 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 'asc' at line 1

MariaDB [csd2204w18]> select \* from customers order by 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 'asc' at line 1

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

| 1 | navneet | navu | north york | toronto | 12345 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by nickname asc,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 'group by city' at line 1

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

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 nickname' at line 1

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 1 | navneet | navu | north york | toronto | 12345 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

7 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 1 | navneet | navu | north york | toronto | 12345 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by nickname asc 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 'group by city' at line 1

MariaDB [csd2204w18]> select \* from customers order by city asc 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 'group by city' at line 1

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 1 | navneet | navu | north york | toronto | 12345 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

7 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 1 | navneet | navu | north york | toronto | 12345 |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

7 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 1 | navneet | navu | north york | toronto | 12345 |

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

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select name,postalcode from customers where poatalcode not in 341020;

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 '341020' at line 1

MariaDB [csd2204w18]> select \* fromcustomers;

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 'fromcustomers' at line 1

MariaDB [csd2204w18]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

10 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

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

5 rows in set (0.00 sec)

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

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

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

3 rows in set (0.00 sec)

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

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '-3' at line 1

MariaDB [csd2204w18]> select \* from customers limit 7 to 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 'to 10' at line 1

MariaDB [csd2204w18]> select \* from customers limit(8,9,10);

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 '(8,9,10)' at line 1

MariaDB [csd2204w18]> select \* from customers order by customersID desc limit 5;

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by customersID asc limit 5;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by customersID asc limit 8-10;

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 '-10' at line 1

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by customersID desc limit 3 order by customersID 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 customersID asc' at line 1

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 9 | Tony Special | Species | 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 customersID desc limit 3) order by customersID asc;

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

MariaDB [csd2204w18]> (select \* from customers order by customersID desc limit 3) j1 order by customersID 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 'j1 order by customersID asc' at line 1

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

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

| customersID | name | nickname | address | city | postalCode |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

3 rows in set (0.00 sec)

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

Query OK, 1 row affected (0.47 sec)

MariaDB [csd2204w18]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

| 11 | samar | 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 is null;

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

| customersID | name | nickname | address | city | postalCode |

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

| 11 | samar | NULL | NULL | NULL | NULL |

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

1 row in set (0.00 sec)

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

Empty set (0.00 sec)

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

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname is not null;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | 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 is not null;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | navneet | navu | north york | toronto | 12345 |

| 2 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 3 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 4 | Danial Jack | Cher | 329 Empire state Building | New York | 120134 |

| 5 | Donna newman | New | Spartan Building. East | Brazil | 341020 |

| 6 | Eston M. | M. | 250 Carlson blvd | Toronto | 130120 |

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

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

| 9 | Tony Special | Species | Oakville | GTA | 418921 |

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]>