Setting environment for using XAMPP for Windows.

730546@128-IMAC26 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)]> create database csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> create table customers(customerID int(2),name varchar(20),nickname varchar(10),address varchar(50),city varchar(30),postalcode int(6));

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table customers(customerID int(2),name varchar(20),nickname varchar(10),address varchar(50),city varchar(30),postalcode int(6));

Query OK, 0 rows affected (1.38 sec)

MariaDB [csd2204w18]>

MariaDB [csd2204w18]> insert into customers values

-> (1,"Ashley", "Ash", "32 Washington Street", "WDC", "321200"),

-> (2,"Bob Marley", "BM", "Keele Street", "Toronto", "100100"),

-> (3,"Cherlies", "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 Drive", "Toronto", "201023"),

-> (7,"Bobby Chacko", "Chac", "Kennedy", "New York", "320300"),

-> (8,"Ashko Charles", "AK", "Washington DC", "USA", "420144"),

-> (9,"Tony Special", "Specie", "Oakville", "GTA", "418921"),

-> (10,"Jack SP", "Sparrow", "Oaster Village", "New Jersey", "102301")

-> ;

Query OK, 10 rows affected (0.14 sec)

Records: 10 Duplicates: 0 Warnings: 0

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 | 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 Drive | Toronto | 201023 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

10 rows in set (0.00 sec)

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

Empty set, 4 warnings (0.00 sec)

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

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

| 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, 4 warnings (0.00 sec)

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

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

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

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

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

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from 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 | Cher | 329 Empire State Building | New York | 120134 |

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

6 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where NICKNAME NOT IN('BM','AK','SPARROW') ;

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

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

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

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

| 3 | Cherlies | 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 Drive | Toronto | 201023 |

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select CUSTOMERid,name,nickname from customers where NICKNAME NOT IN('BM','AK','SPARROW') ;

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

| CUSTOMERid | name | nickname |

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

| 1 | Ashley | Ash |

| 3 | Cherlies | Cher |

| 4 | Denial Jack | DJ |

| 5 | Donna Newman | New |

| 6 | Eston M. | M. |

| 7 | Bobby Chacko | Chac |

| 9 | Tony Special | Specie |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select CUSTOMERid,name,city from customers where NICKNAME NOT IN('BM','AK','SPARROW') ;

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

| CUSTOMERid | name | city |

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

| 1 | Ashley | WDC |

| 3 | Cherlies | New York |

| 4 | Denial Jack | Brazil |

| 5 | Donna Newman | Toronto |

| 6 | Eston M. | Toronto |

| 7 | Bobby Chacko | New York |

| 9 | Tony Special | GTA |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select CUSTOMERid,name as "fullname" from customers where NICKNAME NOT IN('BM','AK','SPARROW') ;

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

| CUSTOMERid | fullname |

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

| 1 | Ashley |

| 3 | Cherlies |

| 4 | Denial Jack |

| 5 | Donna Newman |

| 6 | Eston M. |

| 7 | Bobby Chacko |

| 9 | Tony Special |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

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

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

| 3 | Cherlies | 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 Drive | Toronto | 201023 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

10 rows in set (0.00 sec)

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

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

| count(\*) |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as 'name start with a' from customers where name like 'a%';

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

| name start with a |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as 'name starts with a' from customers where name like 'a%';

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

| name starts with a |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as 'count of names start with a' from customers where name like 'a%';

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

| count of names start with a |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as 'count of names start with a' from customers where city ='toronto';

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

| count of names start with a |

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

| 3 |

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

1 row in set (0.00 sec)

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

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

| No of people from toronto |

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

| 3 |

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

1 row in set (0.00 sec)

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

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

| No of people 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 (0.00 sec)

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

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

| postalcode |

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

| 321200 |

| 100100 |

| 120134 |

| 341020 |

| 130120 |

| 201023 |

| 320300 |

| 420144 |

| 418921 |

| 102301 |

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

10 rows in set (0.00 sec)

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

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

| name |

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

| Ashley |

| Bob Marley |

| Cherlies |

| Denial Jack |

| Donna Newman |

| Eston M. |

| Bobby Chacko |

| Ashko Charles |

| Tony Special |

| Jack SP |

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

10 rows in set (0.00 sec)

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

MariaDB [csd2204w18]> select count(\*) from customers distinct (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)' at line 1

MariaDB [csd2204w18]> select count(\*) from customers where distinct (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)' at line 1

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

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

| count(\*) |

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

| 0 |

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

1 row in set (0.00 sec)

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

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

| count(\*) |

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

| 0 |

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

1 row in set (0.00 sec)

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

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

| count(distinct(city)) |

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

| 7 |

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

1 row in set (0.00 sec)

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

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 'name' at line 1

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

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 'count(\*)' at line 1

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

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

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

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

| (city) and count(distinct(city)) |

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

| 0 |

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

1 row in set, 1 warning (0.00 sec)

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

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 distinct(city) from customers with count(\*);

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 'count(\*)' at line 1

MariaDB [csd2204w18]> select distinct(city) with count(\*) 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 'count(\*) from customers' at line 1

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

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

| city | count(\*) |

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

| WDC | 10 |

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

1 row in set (0.00 sec)

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

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

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

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

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

| city | Number of customers |

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

| 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 | Washington DC | USA | 420144 |

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

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

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

| 3 | Cherlies | 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 Drive | Toronto | 201023 |

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

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

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

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

10 rows in set (0.00 sec)

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

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

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

| 3 | Cherlies | 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 Drive | Toronto | 201023 |

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

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

10 rows in set (0.00 sec)

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

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

| city | Number of customers |

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

| 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 postalcode asc;

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

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

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

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

10 rows in set (0.00 sec)

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

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

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

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

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

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

| 3 | Cherlies | 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 | Specie | Oakville | GTA | 418921 |

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

| 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 | Oaster Village | New Jersey | 102301 |

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

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

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

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

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

10 rows in set (0.00 sec)

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

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

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

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

| 3 | Cherlies | 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 city,count(\*) as "Number of customers" from customers group by city;

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

| city | Number of customers |

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

| 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 ;

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

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

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

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

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

| 3 | Cherlies | 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 Drive | Toronto | 201023 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select city from customers where name='%d';

Empty set (0.00 sec)

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

Empty set (0.00 sec)

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

Empty set (0.00 sec)

MariaDB [csd2204w18]> select city,name from customers group by where 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 'where name like '%d'' at line 1

MariaDB [csd2204w18]> select city,name from customers group by where 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 'where name like 'd%'' at line 1

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

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

| city | name |

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

| Brazil | Denial Jack |

| Toronto | Donna Newman |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select min(postalcode) fromcustomers;

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

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

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

| min(postalcode) |

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

| 100100 |

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

1 row in set (0.00 sec)

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

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

| max(postalcode) |

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

| 420144 |

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

1 row in set (0.00 sec)

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

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

| sum(postalcode) |

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

| 2475263 |

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

1 row in set (0.00 sec)

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

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

| avg(postalcode) |

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

| 247526.3000 |

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

1 row in set (0.00 sec)

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

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

MariaDB [csd2204w18]> help;

General information about MariaDB can be found at

http://mariadb.org

List of all MySQL commands:

Note that all text commands must be first on line and end with ';'

? (\?) Synonym for `help'.

clear (\c) Clear the current input statement.

connect (\r) Reconnect to the server. Optional arguments are db and host.

delimiter (\d) Set statement delimiter.

ego (\G) Send command to mysql server, display result vertically.

exit (\q) Exit mysql. Same as quit.

go (\g) Send command to mysql server.

help (\h) Display this help.

notee (\t) Don't write into outfile.

print (\p) Print current command.

prompt (\R) Change your mysql prompt.

quit (\q) Quit mysql.

rehash (\#) Rebuild completion hash.

source (\.) Execute an SQL script file. Takes a file name as an argument.

status (\s) Get status information from the server.

tee (\T) Set outfile [to\_outfile]. Append everything into given outfile.

use (\u) Use another database. Takes database name as argument.

charset (\C) Switch to another charset. Might be needed for processing binlog with multi-byte charsets.

warnings (\W) Show warnings after every statement.

nowarning (\w) Don't show warnings after every statement.

For server side help, type 'help contents'

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 Drive | Toronto | 201023 |

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

3 rows in set (0.00 sec)

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

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

| city | postalcode |

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

| Brazil | 341020 |

| Toronto | 130120 |

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

2 rows in set (0.00 sec)

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

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

| city | nickname |

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

| Brazil | DJ |

| Toronto | New |

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

2 rows in set (0.00 sec)

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

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

| city | nickname |

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

| Brazil | DJ |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT column\_names

-> FROM table\_name

-> FROM table\_name;

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 table\_name' at line 3

MariaDB [csd2204w18]> select nickname from customers where name='eston m.';

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

| nickname |

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

| M. |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select nickname from customers where name='ash';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select nickname from customers where name='ashley';

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

| nickname |

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

| Ash |

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

1 row in set (0.00 sec)

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

Empty set (0.00 sec)

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

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

| city | count(city)\*100/10 |

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

| Brazil | 10.0000 |

| GTA | 10.0000 |

| New Jersey | 10.0000 |

| New York | 20.0000 |

| Toronto | 30.0000 |

| USA | 10.0000 |

| WDC | 10.0000 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select city,count(city)\*100/10 as='customers percentage' 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 '='customers percentage' from customers group by city' at line 1

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

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

| city | customers percentage |

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

| Brazil | 10.0000 |

| GTA | 10.0000 |

| New Jersey | 10.0000 |

| New York | 20.0000 |

| Toronto | 30.0000 |

| USA | 10.0000 |

| WDC | 10.0000 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customers ;

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

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

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

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

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

| 3 | Cherlies | 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 Drive | Toronto | 201023 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customers 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 | 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 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 | Cher | 329 Empire State Building | New York | 120134 |

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

3 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 (7,10) ;

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 '(7,10)' at line 1

MariaDB [csd2204w18]> select \*from customers limit(7,10) ;

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 '(7,10)' at line 1

MariaDB [csd2204w18]> select \*from customers limit between 7,10) ;

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 7,10)' at line 1

MariaDB [csd2204w18]> select \*from customers limit between 7,10 ;

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 7,10' at line 1

MariaDB [csd2204w18]> select \*from customers limit between (7,10) ;

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 (7,10)' at line 1

MariaDB [csd2204w18]> select \*from customers limit(7,10) ;

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 '(7,10)' at line 1

MariaDB [csd2204w18]> select \*from customers order by customerID desc limit(7,10) ;

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 '(7,10)' at line 1

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

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 | 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 ;

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 order by customerID desc limit (7,10) ;

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 '(7,10)' at line 1

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

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

ERROR 1327 (42000): Undeclared variable: rev

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

ERROR 1327 (42000): Undeclared variable: reverse

MariaDB [csd2204w18]> select \*from customers limit after 7;

ERROR 1327 (42000): Undeclared variable: after

MariaDB [csd2204w18]> select \*from customers limit 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 | 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 Drive | Toronto | 201023 |

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

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

7 rows in set (0.00 sec)

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

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

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

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

3 rows in set (0.00 sec)

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

3 rows in set (0.00 sec)

ERROR: No query specified

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

3 rows in set (0.00 sec)

ERROR: No query specified

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

ERROR: No query specified

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

ERROR: No query specified

MariaDB [csd2204w18]> (select \*from customers order by customerID desc limit 3) h1 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 'h1 order by customerID asc' at line 1

ERROR: No query specified

MariaDB [csd2204w18]> (select \*from customers order by customerID desc limit 3) h1 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 'h1 order by customerID asc' at line 1

MariaDB [csd2204w18]> select \* from (select \*from customers order by customerID desc limit 3) h1 order by customerID asc;

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into customers (customeID,NAME) VALUES('11','HARRY');

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

MariaDB [csd2204w18]> insert into customers (customeID,NAME) VALUES(11,'HARRY');

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

MariaDB [csd2204w18]> insert into customers (customeRID,NAME) VALUES(11,'HARRY');

Query OK, 1 row affected (0.11 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 | 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 Drive | Toronto | 201023 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

| 11 | HARRY | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT NAME FROM CUSTOMERS WHERE NICKNAME IS NULL;

+-------+

| NAME |

+-------+

| HARRY |

+-------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT \* FROM CUSTOMERS WHERE NICKNAME IS NULL;

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

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

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

| 11 | HARRY | 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 | 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 Drive | Toronto | 201023 |

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

| 10 | Jack SP | Sparrow | Oaster Village | New Jersey | 102301 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT NAME FROM CUSTOMERS WHERE CONDITION GROUP BY NICKNAME ORDER 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 'CONDITION GROUP BY NICKNAME ORDER BY CITY' at line 1

MariaDB [csd2204w18]> SELECT NAME FROM CUSTOMERS WHERE POSTALCODE>100100 GROUP BY NICKNAME ORDER BY CITY;

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

| NAME |

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

| Denial Jack |

| Tony Special |

| Jack SP |

| Cherlies |

| Bobby Chacko |

| Eston M. |

| Donna Newman |

| Ashko Charles |

| Ashley |

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT \* FROM CUSTOMERS WHERE POSTALCODE>100100 GROUP BY NICKNAME ORDER 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 | Oaster Village | New Jersey | 102301 |

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

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

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

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

| 8 | Ashko Charles | AK | Washington DC | USA | 420144 |

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

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18]>