Setting environment for using XAMPP for Windows.

721914@128-IMAC16 c:\xampp

# mysql -u root -p;

ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)

721914@128-IMAC16 c:\xampp

# mysql -u root -p;

ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)

721914@128-IMAC16 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 5

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> ;

ERROR: No query specified

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

5 rows in set (0.02 sec)

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table c1(customersID int(2), name varchar(40), nickname varchar(10), address varchar(50), city varchar(30), postalCode int(6));

Query OK, 0 rows affected (0.63 sec)

MariaDB [csd2204w18]> insert into c1 values (1, 'Ashley', 'Ash', '32 Washington street', 'WDC', 321200);

Query OK, 1 row affected (0.19 sec)

MariaDB [csd2204w18]> insert into c1 values (2, 'Bob marley', 'Bm', 'Keele street', 'Toronto', 100100);

Query OK, 1 row affected (0.14 sec)

MariaDB [csd2204w18]> insert into c1 values (3, 'Cherlies Theron', 'Cher', '329 Empire state Building', 'New York', 120134);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c1 values (4, 'Deniel Jack', 'DJ', 'Spartan Building. Ease', 'Brazil', 340120);

Query OK, 1 row affected (0.41 sec)

MariaDB [csd2204w18]> insert into c1 values (5, 'Donna newman', 'New', '250 Carlson blvd', 'Toronto', 130120);

Query OK, 1 row affected (0.17 sec)

MariaDB [csd2204w18]> insert into c1 values (6, 'Eston M.', 'M.', '21 York. DV.', 'Toronto', 201023);

Query OK, 1 row affected (0.11 sec)

MariaDB [csd2204w18]> insert into c1 values (7, 'Bobby Chacko', 'Chac', 'Kennedy', 'New York', 320300);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> insert into c1 values (8, 'Ashko Charles', 'AK', 'Washington D.C.', 'USA', 421044);

Query OK, 1 row affected (0.30 sec)

MariaDB [csd2204w18]> insert into c1 values (9, 'Tony Special', 'Specie', 'Oakville', 'GTA', 418921);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into c1 values (10, 'Jack Sp', 'Sparrow', 'Oaster village', 'New Jersey', 102301);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> desc c1;

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

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

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

| customersID | int(2) | YES | | NULL | |

| name | varchar(40) | YES | | NULL | |

| nickname | varchar(10) | YES | | NULL | |

| address | varchar(50) | YES | | NULL | |

| city | varchar(30) | YES | | NULL | |

| postalCode | int(6) | YES | | NULL | |

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

6 rows in set (0.01 sec)

MariaDB [csd2204w18]> show table c1;

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 'c1' at line 1

MariaDB [csd2204w18]> select \* from c1;

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> desc c1

-> ;

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

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

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

| customersID | int(2) | YES | | NULL | |

| name | varchar(40) | YES | | NULL | |

| nickname | varchar(10) | YES | | NULL | |

| address | varchar(50) | YES | | NULL | |

| city | varchar(30) | YES | | NULL | |

| postalCode | int(6) | YES | | NULL | |

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

6 rows in set (0.02 sec)

MariaDB [csd2204w18]> select \* from c1 where name like '%n';

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersID IS NOT IN (4,2,7);

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 'IN (4,2,7)' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersID NOT IN (4,2,7);

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

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

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

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

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

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

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where nickname NOT IN ('Bm', 'Sparrow');

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersID, name, nickname from c1

-> ;

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

| customersID | name | nickname |

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

| 1 | Ashley | Ash |

| 2 | Bob marley | Bm |

| 3 | Cherlies Theron | Cher |

| 4 | Deniel Jack | DJ |

| 5 | Donna newman | New |

| 6 | Eston M. | M. |

| 7 | Bobby Chacko | Chac |

| 8 | Ashko Charles | AK |

| 9 | Tony Special | Specie |

| 10 | Jack Sp | Sparrow |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid, name, city from c1;

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

| customersid | name | city |

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

| 1 | Ashley | WDC |

| 2 | Bob marley | Toronto |

| 3 | Cherlies Theron | New York |

| 4 | Deniel Jack | Brazil |

| 5 | Donna newman | Toronto |

| 6 | Eston M. | Toronto |

| 7 | Bobby Chacko | New York |

| 8 | Ashko Charles | USA |

| 9 | Tony Special | GTA |

| 10 | Jack Sp | New Jersey |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid as lol, name as loa from c1;

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

| lol | loa |

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

| 1 | Ashley |

| 2 | Bob marley |

| 3 | Cherlies Theron |

| 4 | Deniel Jack |

| 5 | Donna newman |

| 6 | Eston M. |

| 7 | Bobby Chacko |

| 8 | Ashko Charles |

| 9 | Tony Special |

| 10 | Jack Sp |

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

10 rows in set (0.03 sec)

MariaDB [csd2204w18]> select customersid lol from c1;

+------+

| lol |

+------+

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 8 |

| 9 |

| 10 |

+------+

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select 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]> ;

ERROR: No query specified

MariaDB [csd2204w18]> select \* from customers;

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

MariaDB [csd2204w18]> select \* from customers;

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

MariaDB [csd2204w18]> select \* from c1;

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) from c1;

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

| count(\*) |

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

| 10 |

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

1 row in set (0.11 sec)

MariaDB [csd2204w18]> select count(\*) from c1 where name = 'A%';

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

| count(\*) |

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

| 0 |

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

1 row in set (0.03 sec)

MariaDB [csd2204w18]> select count(\*) from c1 where name like 'A%';

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

| count(\*) |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as lol from c1 where name like 'A%';

+-----+

| lol |

+-----+

| 2 |

+-----+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) from c1 where name like 'A%';

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

| count(\*) |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as Number Customers from c1 where city = 'Toronto';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'Customers from c1 where city = 'Toronto'' at line 1

MariaDB [csd2204w18]> select count(\*) as Number Customers from c1 where city = 'Toronto';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'Customers from c1 where city = 'Toronto'' at line 1

MariaDB [csd2204w18]> select count(\*) as Number from c1 where city =

-> select count(\*) as Number from c1 where city = 'Toronto';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'select count(\*) as Number from c1 where city = 'Toronto'' at line 2

MariaDB [csd2204w18]> ;

ERROR: No query specified

MariaDB [csd2204w18]> select count(\*) as Number from c1 where city = 'Toronto';

+--------+

| Number |

+--------+

| 3 |

+--------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as 'Number of Customers from c1 where city = 'Toronto';

'> ;

'> '

-> ;

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

;

'' at line 1

MariaDB [csd2204w18]> select count(\*) as 'Number of Customers' from c1 where city = 'Toronto';

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

| Number of Customers |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select distinct city from c1;

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

| city |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.03 sec)

MariaDB [csd2204w18]> select distinct(city) from c1;

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

| city |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(name, nickname) from c1;

ERROR 1241 (21000): Operand should contain 1 column(s)

MariaDB [csd2204w18]> select count(\*) from c1 where city in distinct(name, 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 'distinct(name, nickname)' at line 1

MariaDB [csd2204w18]> select count(\*) from c1 where city in (distinct(name, 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 'distinct(name, nickname))' at line 1

MariaDB [csd2204w18]> select count(\*) from c1 where city in (select 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 ')' at line 1

MariaDB [csd2204w18]> select count(\*) from c1 where city in (select distinct (city));

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

| count(\*) |

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

| 10 |

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

1 row in set (0.02 sec)

MariaDB [csd2204w18]> group c1 by toronto;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'group c1 by toronto' at line 1

MariaDB [csd2204w18]> group c1 by toronto;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'group c1 by toronto' at line 1

MariaDB [csd2204w18]> select count(\*) from c1 where city in (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 c1 (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 c1 (group by city) 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 '(group by city) order by city' at line 1

MariaDB [csd2204w18]> select \* from c1 group by city;

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

7 rows in set (0.03 sec)

MariaDB [csd2204w18]> select count(\*) as "number" from c1 group by city;

+--------+

| number |

+--------+

| 1 |

| 1 |

| 1 |

| 2 |

| 3 |

| 1 |

| 1 |

+--------+

7 rows in set (0.02 sec)

MariaDB [csd2204w18]> select count(\*), city as "number" from c1 group by city;

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

| count(\*) | number |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as "number", city from c1 group by city;

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

| number | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as "number", city from c1 group by city order by city;

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

| number | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as "number", city from c1 group by city order by city desc;

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

| number | city |

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

| 1 | WDC |

| 1 | USA |

| 3 | Toronto |

| 2 | New York |

| 1 | New Jersey |

| 1 | GTA |

| 1 | Brazil |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as "number", city from c1 group by city order by city asc;

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

| number | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select (count(\*) as "number"), city from c1 group by city order by city 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 'as "number"), city from c1 group by city order by city asc' at line 1

MariaDB [csd2204w18]> select count(\*) as "number", city from c1 group by city order by city asc;

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

| number | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 order by name

-> ;

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

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

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

10 rows in set (0.03 sec)

MariaDB [csd2204w18]> select \* from c1 order by postalcode asc;

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

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

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

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

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 order by city asc;

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 order by city, postalcode asc;

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 order by postlcode, city asc;

ERROR 1054 (42S22): Unknown column 'postlcode' in 'order clause'

MariaDB [csd2204w18]> select \* from c1 order by postalcode,city asc;

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

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

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

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

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 order by city desc;

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

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

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

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

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

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

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

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

| 3 | Cherlies Theron | 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 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 order by city desc, postalcode asc;

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

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

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

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

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

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

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

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

| 3 | Cherlies Theron | 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 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 order by city desc 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 c1 order by city desc, postalcode asc;

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

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

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

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

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

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

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

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

| 3 | Cherlies Theron | 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 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 order by customersid desc, name asc, city desc

-> ;

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

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

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

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

MariaDB [csd2204w18]> select count(\*), city from c1 group by city;

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

| count(\*) | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*), city from c1 group by city group by 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 'group by count(\*)' at line 1

MariaDB [csd2204w18]> select count(\*) as numbers, city from c1 group by city;

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

| numbers | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as numbers, city from c1 group by city order by numbers;

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

| numbers | city |

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

| 1 | USA |

| 1 | GTA |

| 1 | WDC |

| 1 | New Jersey |

| 1 | Brazil |

| 2 | New York |

| 3 | Toronto |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as numbers, city from c1 group by city order by numbers desc;

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

| numbers | city |

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

| 3 | Toronto |

| 2 | New York |

| 1 | USA |

| 1 | GTA |

| 1 | WDC |

| 1 | New Jersey |

| 1 | Brazil |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 group by city;

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 group by city where name like 'C%

'> '/

-> ;\

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 'C%

'/' at line 1

MariaDB [csd2204w18]> select \* from c1 group by city where name like 'C%';

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 'C%'' at line 1

MariaDB [csd2204w18]> select \* from c1 where name like 'C%' group by city;

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

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

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

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

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where name like 'D%' group by city;

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 group by city;

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* in (select \* from c1 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 'in (select \* from c1 group by city)' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select \* from c1 group by city);

ERROR 1241 (21000): Operand should contain 1 column(s)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.01 sec)

MariaDB [csd2204w18]> (select customersid from c1 group by city)

-> ;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.01 sec)

MariaDB [csd2204w18]> select customersid from c1 where customersid in (select customersid from c1 group by city)

-> ;

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

| customersid |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 8 |

| 9 |

| 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 where customersid IN (select customersid from c1 group by city)

-> ;

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

| customersid |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 8 |

| 9 |

| 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select min(postalcode) from c1;

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

| min(postalcode) |

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

| 100100 |

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

1 row in set (0.03 sec)

MariaDB [csd2204w18]> select max(postalcode) from c1;

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

| max(postalcode) |

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

| 421044 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select avg(postalcode) from c1;

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

| avg(postalcode) |

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

| 247526.3000 |

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

1 row in set (0.03 sec)

MariaDB [csd2204w18]> Bye

721914@128-IMAC16 c:\xampp

# select customersid from c1 where customersid IN (select customersid from c1 group by city);

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# select customersid from c1 where customersid IN (select customersid from c1 group by city);

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# select customersid from c1 where customersid IN (select \* from c1 group by city);

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# (select customersid from c1 group by city)/

/ was unexpected at this time.

721914@128-IMAC16 c:\xampp

# (select customersid from c1 group by city);

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# (select \* from c1 group by city);

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# show datatables;

'show' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# show datatables;

'show' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# show databases;

'show' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# ;

721914@128-IMAC16 c:\xampp

# '

''' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# ;

721914@128-IMAC16 c:\xampp

# ;

721914@128-IMAC16 c:\xampp

# d

'd' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# d

'd' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# d

'd' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

# select max(postalcode) from customers;

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# select avt(postalcode) from c1;

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# select \* from c1;

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 6

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)]> select \* from c1;

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> select \* from c1;

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> create database csd2204w18;

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

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select \* from c1;

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> Bye

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

# select customersid from c1 group by city;

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# select \* from c1

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# select \* from c1;

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# select \* from c1;

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# select \* from customers;

'select' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# mysql -u root p

ERROR 1049 (42000): Unknown database 'p'

721914@128-IMAC16 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 8

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select \* from c1;

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1;

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]>

MariaDB [csd2204w18]> select \* from c1;

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 group by city;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from (select customersid from c1 group by city);

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

MariaDB [csd2204w18]> select \* from (select customersid as teste from c1 group by city);

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

MariaDB [csd2204w18]> select \* from teste (select customersid as teste from c1 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 '(select customersid as teste from c1 group by city)' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid as teste from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid as teste from c1 in (4,7));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'in (4,7))' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid as teste from c1 in (4,7);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'in (4,7)' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid as teste from c1 in (4,7));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'in (4,7))' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 in (4,7));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'in (4,7))' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 where customersid in (4,7));

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 where customersid in (4,7));

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 where customersid in (4,7));

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid = (select customersid from c1 where customersid in (4,7));

ERROR 1242 (21000): Subquery returns more than 1 row

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 where customersid in (4,7));

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select distinct customersid from c1);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select distinct city from c1);

Empty set, 100 warnings (0.02 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select distinct city from c1);

Empty set, 100 warnings (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid, distinct city from c1);

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 c1)' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select distinct city from c1);

Empty set, 100 warnings (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 group by city;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid as ops from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select from c1 where customersid in (select customersid from c1 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 'from c1 where customersid in (select customersid from c1 group by city)' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(toronto) from c1;

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

MariaDB [csd2204w18]> select \* distinct(toronto) from c1;

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(toronto) from c1' at line 1

MariaDB [csd2204w18]> select distinct(city) from c1;

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

| city |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city), customersid from c1;

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

| city | customersid |

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

| WDC | 1 |

| Toronto | 2 |

| New York | 3 |

| Brazil | 4 |

| Toronto | 5 |

| Toronto | 6 |

| New York | 7 |

| USA | 8 |

| GTA | 9 |

| New Jersey | 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city), from c1;

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 c1' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city), from c1;

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 c1' at line 1

MariaDB [csd2204w18]> select distinct(city), city from c1;

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

| city | city |

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

| WDC | WDC |

| Toronto | Toronto |

| New York | New York |

| Brazil | Brazil |

| USA | USA |

| GTA | GTA |

| New Jersey | New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city), customersid from c1;

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

| city | customersid |

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

| WDC | 1 |

| Toronto | 2 |

| New York | 3 |

| Brazil | 4 |

| Toronto | 5 |

| Toronto | 6 |

| New York | 7 |

| USA | 8 |

| GTA | 9 |

| New Jersey | 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city) from c1;

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

| city |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where city in (select distinct(city) from c1);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> (select customersid from c1 group by city);

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 where customerid in (select customersid from c1 group by city);

ERROR 1054 (42S22): Unknown column 'customerid' in 'IN/ALL/ANY subquery'

MariaDB [csd2204w18]> select customersid from c1 where customersid in (select customersid from c1 group by city);

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

| customersid |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 8 |

| 9 |

| 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 where customersid in (select customersid from c1 group by city);

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

| customersid |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 8 |

| 9 |

| 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 where customersid in (select customersid from c1 as ual group by city);

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

| customersid |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 8 |

| 9 |

| 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from ual where customersid in (select customersid from c1 as ual group by city);

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

MariaDB [csd2204w18]> select customersid from ual where customersid in (select customersid from c1 as ual group by city);

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

MariaDB [csd2204w18]> select customersid from ual where customersid in (4,7);

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

MariaDB [csd2204w18]> select customersid from c1 where customersid in (4,7);

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

| customersid |

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

| 4 |

| 7 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 where customersid in ((select customersid from c1 group by city));

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

| customersid |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 8 |

| 9 |

| 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 where customersid in ((select customersid from c1 group by city));

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

| customersid |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 8 |

| 9 |

| 10 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 group by city

-> ;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (1,8);

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 group by city

-> /

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '' at line 2

MariaDB [csd2204w18]> select customersid from c1 group by city;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 group by city;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (1,8);

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.02 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (1,8);

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 group by city;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.02 sec)

MariaDB [csd2204w18]> ;

ERROR: No query specified

MariaDB [csd2204w18]> select customersid from c1 where customersid in (4,7);

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

| customersid |

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

| 4 |

| 7 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (1,8);

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersid from c1 group by city;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) from c1 group by city;

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

| count(\*) |

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

| 1 |

| 1 |

| 1 |

| 2 |

| 3 |

| 1 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*),city from c1 group by city;

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

| count(\*) | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select avg(\*),city from c1 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 c1 group by city' at line 1

MariaDB [csd2204w18]> select avg(postalcode),city from c1 group by city;

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

| avg(postalcode) | city |

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

| 340120.0000 | Brazil |

| 418921.0000 | GTA |

| 102301.0000 | New Jersey |

| 220217.0000 | New York |

| 143747.6667 | Toronto |

| 421044.0000 | USA |

| 321200.0000 | WDC |

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

7 rows in set (0.01 sec)

MariaDB [csd2204w18]> select customersid from c1 group by city;

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

| customersid |

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

| 4 |

| 9 |

| 10 |

| 3 |

| 2 |

| 8 |

| 1 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid have > 0);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '> 0)' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid have customersid> 0);

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 'customersid> 0)' at line 1

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid have customersid > 0);

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 'customersid > 0)' at line 1

MariaDB [csd2204w18]> select customersid having customersid > 0;

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 'having customersid > 0' at line 1

MariaDB [csd2204w18]> select customersid 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 c1 group by city;

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 group by city having customersid > 5;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 group by city having customersid > 5;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select \* from c1 group by city having customersid > 5);

ERROR 1241 (21000): Operand should contain 1 column(s)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city having customersid > 5);

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city having customersid > 5);

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city having customersid > 1);

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city having customersid > 0);

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

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

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

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

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

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

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where customersid in (select customersid from c1 group by city having customersid > 0);Bye

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

#

721914@128-IMAC16 c:\xampp

# mysql -u root p

ERROR 1049 (42000): Unknown database 'p'

721914@128-IMAC16 c:\xampp

# mysel -u root -p

'mysel' is not recognized as an internal or external command,

operable program or batch file.

721914@128-IMAC16 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 10

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select \* from c1 order by customersid desc limit 3;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 group by city having customersid > 5;

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

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

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

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

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

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

+-------------+---------------+----------+-----------------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city) from c1;

+------------+

| city |

+------------+

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

+------------+

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where city in (select distinct(city) from c1);

+-------------+-----------------+----------+---------------------------+------------+------------+

| customersID | name | nickname | address | city | postalCode |

+-------------+-----------------+----------+---------------------------+------------+------------+

| 1 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Washington D.C. | USA | 421044 |

| 9 | Tony Special | Specie | Oakville | GTA | 418921 |

| 10 | Jack Sp | Sparrow | Oaster village | New Jersey | 102301 |

+-------------+-----------------+----------+---------------------------+------------+------------+

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city), customersid from c1;

+------------+-------------+

| city | customersid |

+------------+-------------+

| WDC | 1 |

| Toronto | 2 |

| New York | 3 |

| Brazil | 4 |

| Toronto | 5 |

| Toronto | 6 |

| New York | 7 |

| USA | 8 |

| GTA | 9 |

| New Jersey | 10 |

+------------+-------------+

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct(city) from c1;

+------------+

| city |

+------------+

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

+------------+

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from (select \* from customers order by customersID desc limit 3) order by custom;

ERROR 1248 (42000): Every derived table must have its own alias

MariaDB [csd2204w18]> select \* from (select \* from customers order by customersID desc limit 3) as lala order by custom;

ERROR 1146 (42S02): Table 'csd2204w18.customers' doesn't exist

MariaDB [csd2204w18]> select \* from lala (select \* from customers order by customersID desc limit 3) as lala order by custom;

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 '(select \* from customers order by customersID desc limit 3) as lala order by cus' at line 1

MariaDB [csd2204w18]> select \* from lala where lala.customersid in (select \* from customers order by customersID desc limit 3) as lala order by custom;

ERROR 1235 (42000): This version of MariaDB doesn't yet support 'LIMIT & IN/ALL/ANY/SOME subquery'

MariaDB [csd2204w18]> select \* from (select \* from customers order by customersID desc limit 3) as lala order by custom;

ERROR 1146 (42S02): Table 'csd2204w18.customers' doesn't exist

MariaDB [csd2204w18]> select \* from (select \* from customers order by customersID desc limit 3) lala order by custom;

ERROR 1146 (42S02): Table 'csd2204w18.customers' doesn't exist

MariaDB [csd2204w18]> select \* from (select \* from c1 order by customersID desc limit 3) lala order by custom;

ERROR 1054 (42S22): Unknown column 'custom' in 'order clause'

MariaDB [csd2204w18]> select \* from (select \* from c1 order by customersID desc limit 3) as lala order by custom;

ERROR 1054 (42S22): Unknown column 'custom' in 'order clause'

MariaDB [csd2204w18]> select \* from (select \* from c1 order by customersID desc limit 3) as lala order by customersid;

+-------------+---------------+----------+-----------------+------------+------------+

| customersID | name | nickname | address | city | postalCode |

+-------------+---------------+----------+-----------------+------------+------------+

| 8 | Ashko Charles | AK | Washington D.C. | USA | 421044 |

| 9 | Tony Special | Specie | Oakville | GTA | 418921 |

| 10 | Jack Sp | Sparrow | Oaster village | New Jersey | 102301 |

+-------------+---------------+----------+-----------------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from (select \* from c1 order by customersID desc limit 3) as lala order by customersid;

+-------------+---------------+----------+-----------------+------------+------------+

| customersID | name | nickname | address | city | postalCode |

+-------------+---------------+----------+-----------------+------------+------------+

| 8 | Ashko Charles | AK | Washington D.C. | USA | 421044 |

| 9 | Tony Special | Specie | Oakville | GTA | 418921 |

| 10 | Jack Sp | Sparrow | Oaster village | New Jersey | 102301 |

+-------------+---------------+----------+-----------------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into c1 (customersID, name) values (11, 'Keshav');

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> select \* from c1;

+-------------+-----------------+----------+---------------------------+------------+------------+

| customersID | name | nickname | address | city | postalCode |

+-------------+-----------------+----------+---------------------------+------------+------------+

| 1 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Washington D.C. | USA | 421044 |

| 9 | Tony Special | Specie | Oakville | GTA | 418921 |

| 10 | Jack Sp | Sparrow | Oaster village | New Jersey | 102301 |

| 11 | Keshav | NULL | NULL | NULL | NULL |

+-------------+-----------------+----------+---------------------------+------------+------------+

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 is not 'New';

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 'is not 'New'' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname not 'New';

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 ''New'' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname = 'new'

-> ;

+-------------+--------------+----------+------------------+---------+------------+

| customersID | 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 c1 where nickname = 'new';

+-------------+--------------+----------+------------------+---------+------------+

| customersID | 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 c1 where nickname NOT\ 'new';

ERROR: Unknown command '\ '.

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 '\ 'new'' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname NOT = 'new';

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 '= 'new'' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname != 'new';

+-------------+-----------------+----------+---------------------------+------------+------------+

| customersID | name | nickname | address | city | postalCode |

+-------------+-----------------+----------+---------------------------+------------+------------+

| 1 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Washington D.C. | USA | 421044 |

| 9 | Tony Special | Specie | Oakville | GTA | 418921 |

| 10 | Jack Sp | Sparrow | Oaster village | New Jersey | 102301 |

+-------------+-----------------+----------+---------------------------+------------+------------+

9 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where nickname IS NULL;

+-------------+--------+----------+---------+------+------------+

| customersID | name | nickname | address | city | postalCode |

+-------------+--------+----------+---------+------+------------+

| 11 | Keshav | NULL | NULL | NULL | NULL |

+-------------+--------+----------+---------+------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where nickname IS not NULL;

+-------------+-----------------+----------+---------------------------+------------+------------+

| customersID | name | nickname | address | city | postalCode |

+-------------+-----------------+----------+---------------------------+------------+------------+

| 1 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 2 | Bob marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Deniel Jack | DJ | Spartan Building. Ease | Brazil | 340120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Washington D.C. | USA | 421044 |

| 9 | Tony Special | Specie | Oakville | GTA | 418921 |

| 10 | Jack Sp | Sparrow | Oaster village | New Jersey | 102301 |

+-------------+-----------------+----------+---------------------------+------------+------------+

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where nickname NOT NULL;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'NULL' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname != NULL;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where nickname != NULL;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where nickname = NULL;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where nickname == NULL;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '= NULL' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname is NULLABLE;

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 'NULLABLE' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname = NULLABLE;

ERROR 1054 (42S22): Unknown column 'NULLABLE' in 'where clause'

MariaDB [csd2204w18]> select \* from c1 where nickname IS NULLABLE;

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 'NULLABLE' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname IS NUL;

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 'NUL' at line 1

MariaDB [csd2204w18]> select \* from c1 where nickname IS NULl;

+-------------+--------+----------+---------+------+------------+

| customersID | name | nickname | address | city | postalCode |

+-------------+--------+----------+---------+------+------------+

| 11 | Keshav | NULL | NULL | NULL | NULL |

+-------------+--------+----------+---------+------+------------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> Bye

721914@128-IMAC16 c:\xampp

#