Setting environment for using XAMPP for Windows.

asus@BLACKHEART c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 2

Server version: 10.1.29-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| sam |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> create table customers;

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> create table customers (

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6)

-> -> );

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> (

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6)

-> -> );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [(none)]> desc customers;

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| sam |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> create database customers;

Query OK, 1 row affected (0.21 sec)

MariaDB [(none)]> show databases;

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

| Database |

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

| customers |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| sam |

| test |

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

7 rows in set (0.00 sec)

MariaDB [(none)]> create table customers(

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6)

-> -> );

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> use customers;

Database changed

MariaDB [customers]> create table customers((

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6)

-> -> );

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

-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10' at line 1

MariaDB [customers]> create table customers(

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6)

-> -> );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [customers]> create table customers

-> (

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6)

-> -> );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 3

MariaDB [customers]> create table c1(

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6)

-> -> );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [customers]> create table c1(

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode int(6)

-> -> );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [customers]> create table customers(CustomersID int(2),name varchar(20), nickname varhcar(10), address varchar(50), city varchar(30), postalCode int(6));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'varhcar(10), address varchar(50), city varchar(30), postalCode int(6))' at line 1

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

Query OK, 0 rows affected (0.31 sec)

MariaDB [customers]> desc customers;

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

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

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

| CustomersID | int(2) | YES | | NULL | |

| name | varchar(20) | 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 [customers]> ]> insert into c1 values(1,'Ashley','Ash','32 Washington Street','WDC',321200);

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 ']> insert into c1 values(1,'Ashley','Ash','32 Washington Street','WDC',321200)' at line 1

MariaDB [customers]> Query OK, 1 row affected (0.05 sec)

-> create table c1(CustomersID int(2),name varchar(20), nickname varchar(10), address varchar(50), city varchar(30), postalCode int(6));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'Query OK, 1 row affected (0.05 sec)

create table c1(CustomersID int(2),name varc' at line 1

MariaDB [customers]> insert into customers values()

-> insert into customers values()

-> insert into customers values(1,'Ashley','Ash','32 Washington street','WDC',321200);

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 'insert into customers values()

insert into customers values(1,'Ashley','Ash','32' at line 2

MariaDB [customers]> create table c1 (customersID int(2),name varchar(20), nickname varchar(20), address varchar(50), city varchar(30), postalCode int(6));

Query OK, 0 rows affected (0.22 sec)

MariaDB [customers]> desc c1;

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

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

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

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

| name | varchar(20) | YES | | NULL | |

| nickname | varchar(20) | YES | | NULL | |

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

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

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

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

6 rows in set (0.08 sec)

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

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 ']> insert into c1 values(1,'Ashley','Ash','32 Washington Street','WDC',321200)' at line 1

MariaDB [customers]> Query OK, 1 row affected (0.05 sec)

-> ]> insert into c1 values(1,'Ashley','Ash','32 Washington Street','WDC',321200);

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 'Query OK, 1 row affected (0.05 sec)

]> insert into c1 values(1,'Ashley','Ash','3' at line 1

MariaDB [customers]> Query OK, 1 row affected (0.05 sec)

-> 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 'Query OK, 1 row affected (0.05 sec)

show table c1' at line 1

MariaDB [customers]> desc c1;

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

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

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

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

| name | varchar(20) | YES | | NULL | |

| nickname | varchar(20) | YES | | NULL | |

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

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

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

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

6 rows in set (0.00 sec)

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

Query OK, 1 row affected (0.04 sec)

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

Query OK, 1 row affected (0.04 sec)

MariaDB [customers]> insert into c1 values(3,'Cherliews Theron','Cher','329 Empire state Builiding','New York',120134);

Query OK, 1 row affected (0.06 sec)

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

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'values(4,'Denial Jack','DJ','Spartan Building. East','Brazil',341020)' at line 1

MariaDB [customers]> insert into c1 values(4,'Denial Jack','DJ','Spartan Building. East','Brazil',341020);

Query OK, 1 row affected (0.70 sec)

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

Query OK, 1 row affected (0.11 sec)

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

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

Query OK, 1 row affected (0.11 sec)

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

Query OK, 1 row affected (0.03 sec)

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

Query OK, 1 row affected (0.10 sec)

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

Query OK, 1 row affected (0.12 sec)

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

Query OK, 1 row affected (0.12 sec)

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

Query OK, 1 row affected (0.13 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 Where name like '%n';

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

3 rows in set (0.00 sec)

MariaDB [customers]> select name from c1 Where name like '%n';

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

| name |

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

| Cherliews Theron |

| Donna newman |

| Donna newman |

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

3 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 where customersID not between 4 and 7

-> select \* from c1 where customersID not between 4 and 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 'select \* from c1 where customersID not between 4 and 7' at line 2

MariaDB [customers]> select \* from c1 where customersID not between 4 and 7;

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

| 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 [customers]> select \* from c1 where nickname not in('Bm','AK','Sparrow');

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

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

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

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

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

8 rows in set (0.00 sec)

MariaDB [customers]> select customersID,name,nickname from c1 where nickname not in('Bm','AK','Sparrow');

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

| customersID | name | nickname |

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

| 1 | Ashley | Ash |

| 3 | Cherliews Theron | Cher |

| 4 | Denial Jack | DJ |

| 5 | Donna newman | New |

| 5 | Donna newman | New |

| 6 | Eston M. | M. |

| 7 | Bobby Chacko | Chac |

| 9 | Tony Special | Specie |

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

8 rows in set (0.00 sec)

MariaDB [customers]> select customersID,name,city from c1 where nickname not in('Bm','AK','Sparrow');

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

| customersID | name | city |

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

| 1 | Ashley | WDC |

| 3 | Cherliews Theron | New York |

| 4 | Denial Jack | Brazil |

| 5 | Donna newman | Toronto |

| 5 | Donna newman | Toronto |

| 6 | Eston M. | Toronto |

| 7 | Bobby Chacko | New York |

| 9 | Tony Special | GTA |

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

8 rows in set (0.00 sec)

MariaDB [customers]> select customersID, name AS "FullName" from c1 where nickname not in('Bm','AK','Sparrow');

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

| customersID | FullName |

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

| 1 | Ashley |

| 3 | Cherliews Theron |

| 4 | Denial Jack |

| 5 | Donna newman |

| 5 | Donna newman |

| 6 | Eston M. |

| 7 | Bobby Chacko |

| 9 | Tony Special |

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

8 rows in set (0.00 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 rows in set (0.00 sec)

MariaDB [customers]> select name from c1 where name like 'A%'

-> select name from c1 where name like 'A%';

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 name from c1 where name like 'A%'' at line 2

MariaDB [customers]> select count(name) from c1 where name like 'a%';

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

| count(name) |

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

| 2 |

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

1 row in set (0.00 sec)

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

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

| count(\*) |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select count(A) As "Names starting with A" from c1 where name like 'a&';

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

MariaDB [customers]> select count(\*) As "Names starting with A" from c1 where name like 'a&';

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

| Names starting with A |

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

| 0 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select count(\*) As "Names starting with A" from c1 where name like 'a%';

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

| Names starting with A |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select count(\*) AS "Customers From Toronto" from c1 where city = 'Toronto';

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

| Customers From Toronto |

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

| 4 |

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

1 row in set (0.00 sec)

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

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

| city |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select distinct(city),count(\*) AS "Customers" from c1;

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

| city | Customers |

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

| WDC | 11 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select count(\*) AS "Customers",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 [customers]> select city,count(\*) AS "Customers" from c1 group by city;

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

| city | Customers |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Customers" from c1 group by name;

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

| city | Customers |

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

| USA | 1 |

| WDC | 1 |

| Toronto | 1 |

| New York | 1 |

| New York | 1 |

| Brazil | 1 |

| Toronto | 2 |

| Toronto | 1 |

| New Jersey | 1 |

| GTA | 1 |

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

10 rows in set (0.00 sec)

MariaDB [customers]> select name,count(\*) AS "Customers" from c1 group by name;

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

| name | Customers |

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

| Ashko Charles | 1 |

| Ashley | 1 |

| Bob marley | 1 |

| Bobby Chacko | 1 |

| Cherliews Theron | 1 |

| Denial Jack | 1 |

| Donna newman | 2 |

| Eston M. | 1 |

| Jack Sp | 1 |

| Tony Special | 1 |

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

10 rows in set (0.00 sec)

MariaDB [customers]> select postalCode,count(\*) AS "Customers" from c1 group by postalCode;

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

| postalCode | Customers |

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

| 100100 | 1 |

| 102301 | 1 |

| 120134 | 1 |

| 130120 | 2 |

| 201023 | 1 |

| 320300 | 1 |

| 321200 | 1 |

| 341020 | 1 |

| 418921 | 1 |

| 421044 | 1 |

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

10 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Customers" from c1 group by city;

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

| city | Customers |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Customers Number" from c1 group by city;

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

| city | Customers Number |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 rows in set (0.00 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY name desc;

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

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

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY name asc;

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

| 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY postalCode desc;

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

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

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

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

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> 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 |

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city asc;

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | 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 |

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from city where ORDER BY city asc and postalCode desc;

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

MariaDB [customers]> select \* from city where ORDER BY city asc, postalCode desc;

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

MariaDB [customers]> select \* from city where ORDER BY city asc,postalCode desc;

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

MariaDB [customers]> select \* from city where ORDER BY city asc(select \* from c1 where ORDER BY postalCOde desc));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'ORDER BY city asc(select \* from c1 where ORDER BY postalCOde desc))' at line 1

MariaDB [customers]> select \* from city where ORDER BY city asc,postalCode desc;

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

MariaDB [customers]> select \* from city where ORDER BY city,postalCode desc;

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

MariaDB [customers]> select \* from city where ORDER BY city,postalCode desc;

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

MariaDB [customers]> select \* from city where ORDER BY city,postalCode;

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

MariaDB [customers]> select \* from c1 ORDER BY city asc;

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | 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 |

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city,postalCode desc;

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city,postalCode asc;

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | 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 |

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

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

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

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

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY postalCode,city desc;

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

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

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

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

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city asc,postalCode desc;

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city asc,postalCode desc;

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city asc postalCode desc;

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

MariaDB [customers]> select \* from c1 ORDER BY city asc,postalCode desc;

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city asc,postalCode asc;

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | 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 |

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city asc;

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | 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 |

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY postalCode desc,city asc;

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

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

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

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

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY city asc,postalCode desc;

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 |

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

11 rows in set (0.00 sec)

MariaDB [customers]> 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 |

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> 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 |

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY customersID 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 |

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> 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 |

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

11 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City" from c1 group by city;

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

| city | Cumstomer in City |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.11 sec)

MariaDB [customers]> select city, count(\*) AS "Customers name starts with A" from c1 where name like 'a%';

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

| city | Customers name starts with A |

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

| WDC | 2 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select city, count(\*) AS "Customers name starts with A" from c1 where name like 'a%' group by city;

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

| city | Customers name starts with A |

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

| USA | 1 |

| WDC | 1 |

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

2 rows in set (0.00 sec)

MariaDB [customers]> select city, count(\*) AS "Customers name starts with A" from c1 where name like 'd%' group by city;

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

| city | Customers name starts with A |

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

| Brazil | 1 |

| Toronto | 2 |

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

2 rows in set (0.00 sec)

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

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [customers]> select min(postalCode) from c1;

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

| min(postalCode) |

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

| 100100 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select max(postalCode) from c1;

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

| max(postalCode) |

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

| 421044 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select max(postalCode) AS "Maximun Amount"from c1;

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

| Maximun Amount |

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

| 421044 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select sum(postalCode) AS "TOtal" from c1;

+---------+

| TOtal |

+---------+

| 2606283 |

+---------+

1 row in set (0.00 sec)

MariaDB [customers]> select avg(postalCode) AS "Average" from c1;

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

| Average |

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

| 236934.8182 |

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

1 row in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City" from c1 group by city;

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

| city | Cumstomer in City |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select TOP 3 \* 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 '3 \* from c1' at line 1

MariaDB [customers]> select TOP 3 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 '3 from c1' at line 1

MariaDB [customers]> select TOP 3 \* 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 '3 \* from c1' at line 1

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 rows in set (0.00 sec)

MariaDB [customers]> select city, count(\*) AS "Customers name starts with A" from c1 where name like 'd%' group by city;

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

| city | Customers name starts with A |

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

| Brazil | 1 |

| Toronto | 2 |

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

2 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City" from c1 group by city;

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

| city | Cumstomer in City |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City",sum(count) from c1 group by city;

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

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City",sum(city) from c1 group by city;

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

| city | Cumstomer in City | sum(city) |

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

| Brazil | 1 | 0 |

| GTA | 1 | 0 |

| New Jersey | 1 | 0 |

| New York | 2 | 0 |

| Toronto | 4 | 0 |

| USA | 1 | 0 |

| WDC | 1 | 0 |

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

7 rows in set, 11 warnings (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City" from c1 group by city;

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

| city | Cumstomer in City |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City",sum(\*) 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 group by city' at line 1

MariaDB [customers]> select city,sum(\*) AS "Cumstomer in 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 '\*) AS "Cumstomer in City" from c1 group by city' at line 1

MariaDB [customers]> select city,count(sum(\*)) AS "Cumstomer in City",sum(\*) 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 '\*)) AS "Cumstomer in City",sum(\*) from c1 group by city' at line 1

MariaDB [customers]> select city,sum(\*) AS "Cumstomer in 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 '\*) AS "Cumstomer in City" from c1 group by city' at line 1

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City",sum(\*) 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 group by city' at line 1

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City" from c1 group by city;

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

| city | Cumstomer in City |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 where customersID = 5;

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

| 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 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) AS "Cumstomer in City" from c1 group by city;

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

| city | Cumstomer in City |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select city,count(city) AS "Cumstomer in City" from c1 group by city;

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

| city | Cumstomer in City |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 4 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> update c1 SET customersID = 11 where customersID = 5;

Query OK, 2 rows affected (0.07 sec)

Rows matched: 2 Changed: 2 Warnings: 0

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

| 11 | Donna newman | New | 250 Carlson blvd | Toronto | 130120 |

| 11 | 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 rows in set (0.00 sec)

MariaDB [customers]> update c1 SET customersID = 5 where customersID = 11;

Query OK, 2 rows affected (0.03 sec)

Rows matched: 2 Changed: 2 Warnings: 0

MariaDB [customers]> delete \* from c1 where customersID = 5;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '\* from c1 where customersID = 5' at line 1

MariaDB [customers]> delete from c1 where customersID = 5;

Query OK, 2 rows affected (0.28 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

Query OK, 1 row affected (0.13 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

| 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 |

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

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

10 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY customersID asc;

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

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

| 8 | Ashko 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 [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

| 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 |

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | 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 [customers]> select count(\*) from c1 group by city;

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

| count(\*) |

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

| 1 |

| 1 |

| 1 |

| 2 |

| 3 |

| 1 |

| 1 |

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

7 rows in set (0.00 sec)

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

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

| city | count(\*) |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 3 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select city from c1 where customersID in(1,8);

+------+

| city |

+------+

| WDC |

| USA |

+------+

2 rows in set (0.00 sec)

MariaDB [customers]> select customersID from c1 where customersID in(1,8);

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

| customersID |

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

| 1 |

| 8 |

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

2 rows in set (0.00 sec)

MariaDB [customers]> select city,customersID from c1 where customersID in(1,8);

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

| city | customersID |

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

| WDC | 1 |

| USA | 8 |

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

2 rows in set (0.00 sec)

MariaDB [customers]> select city,count(\*) from c1 ;

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

| city | count(\*) |

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

| WDC | 10 |

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

1 row in set (0.00 sec)

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

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

| city | count(\*) |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 3 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

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

MariaDB [customers]> select customersID from c1 where customersID(select city,count(\*) from c1 group by city(1,8));

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 city,count(\*) from c1 group by city(1,8))' at line 1

MariaDB [customers]> select customersID from c1 where customersID(1,8);

ERROR 1305 (42000): FUNCTION customers.customersID does not exist

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

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

| city | count(\*) |

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

| Brazil | 1 |

| GTA | 1 |

| New Jersey | 1 |

| New York | 2 |

| Toronto | 3 |

| USA | 1 |

| WDC | 1 |

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

7 rows in set (0.00 sec)

MariaDB [customers]> select customersID from c1 where customersID in(1,8);

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

| customersID |

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

| 1 |

| 8 |

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

2 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 ORDER BY customersID asc;

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

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

| 8 | Ashko 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 [customers]> select \* from c1 limit 5;

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

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

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

5 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 limit 3;

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

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

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

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

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

| 3 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

3 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 limit -1;

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 '-1' at line 1

MariaDB [customers]> select \* from c1 limit 0;

Empty set (0.00 sec)

MariaDB [customers]> select \* from c1 last 5;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '5' at line 1

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

| 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 |

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

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

10 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 top 5;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '5' at line 1

MariaDB [customers]> select \* from c1 where rownum <=3;

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

MariaDB [customers]> select \* from c1 where ROWNUM <=3;

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

MariaDB [customers]> select \* from c1 ORDER BY desc limit 3;

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

MariaDB [customers]> select \* from c1 ORDER BY desc, limit 3;

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

MariaDB [customers]> select \* from c1 ORDER BY desc limit 3;

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

MariaDB [customers]> select \* from c1 limit 3 order by desc;

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

MariaDB [customers]> 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 [customers]> select \* from c1 ORDER BY customersID desc where customersID = (select customersID from c1 ORDER BY customersID)limit 3;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where customersID = (select customersID from c1 ORDER BY customersID)limit 3' at line 1

MariaDB [customers]> select \* from c1 where customersID = (select customersID from c1 ORDER BY customersID)limit 3;

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

MariaDB [customers]> select \* from c1 limit 3 order by customersID desc;

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

MariaDB [customers]> 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 [customers]> (select \* from c1 ORDER BY customersID desc limit 3) ORDER BY customersID asc ;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [customers]> select \* from (select \* from c1 ORDER BY customersID desc limit 3) ORDER BY customersID asc ;

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

MariaDB [customers]> select \* from (select \* from c1 ORDER BY customersID desc limit 3) s1 ORDER BY customersID asc ;

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

| 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 [customers]> select \* from (select \* from c1 ORDER BY customersID desc limit 3) c1 ORDER BY customersID asc ;

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

| 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 [customers]> insert into c1 (customersID,name) values(11,'Shaisha');

Query OK, 1 row affected (0.38 sec)

MariaDB [customers]> desc c1;

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

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

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

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

| name | varchar(20) | YES | | NULL | |

| nickname | varchar(20) | 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 [customers]> show tables;

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

| Tables\_in\_customers |

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

| c1 |

| customers |

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

2 rows in set (0.00 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

| 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 |

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

| 11 | Shaisha | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [customers]> select \* from c1 where nickname = '';

Empty set (0.00 sec)

MariaDB [customers]> select \* from c1 where nickname = NULL;

Empty set (0.00 sec)

MariaDB [customers]> select \* from c1 where nickname is null;

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

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

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

| 11 | Shaisha | NULL | NULL | NULL | NULL |

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

1 row in set (0.00 sec)

MariaDB [customers]> delete from c1 where customersID = 11;

Query OK, 1 row affected (0.13 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

| 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 |

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

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

10 rows in set (0.00 sec)

MariaDB [customers]> insert into c1(customersID,name) values(11,'Shaishav');

Query OK, 1 row affected (0.11 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

| 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 |

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

| 11 | Shaishav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [customers]> 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 | Cherliews Theron | Cher | 329 Empire state Builiding | New York | 120134 |

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

| 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 |

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

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

10 rows in set (0.00 sec)

MariaDB [customers]>