Setting environment for using XAMPP for Windows.

728535@128-IMAC32 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 3

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.01 sec)

MariaDB [(none)]> show databases;

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

| Database |

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

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show tables;

Empty set (0.00 sec)

MariaDB [csd2204w18]> show databases;

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

| Database |

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

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> show create table c1;

ERROR 1146 (42S02): Table 'csd2204w18.c1' doesn't exist

MariaDB [csd2204w18]> CREATE TABLE `c1` (

-> `customerId` int(2) DEFAULT NULL,

-> `name` varchar(20) DEFAULT NULL,

-> `nickname` varchar(20) DEFAULT NULL,

-> `address` varchar(50) DEFAULT NULL,

-> `city` varchar(20) DEFAULT NULL,

-> `postalCode` int(6) DEFAULT NULL

->

-> );

Query OK, 0 rows affected (0.88 sec)

MariaDB [csd2204w18]> CREATE TABLE `c1` (

-> `customerId` int(2) DEFAULT NULL,

-> `name` varchar(20) DEFAULT NULL,

-> `nickname` varchar(20) DEFAULT NULL,

-> `address` varchar(50) DEFAULT NULL,

-> `city` varchar(20) DEFAULT NULL,

-> `postalCode` int(6) DEFAULT NULL

->

-> insert into c1 values(1,'Jaydeep','JD','NorthYork','Toronto',123456);

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,'Jaydeep','JD','NorthYork','Toronto',123456)' at line 9

MariaDB [csd2204w18]> select \* from c1;

Empty set (0.00 sec)

MariaDB [csd2204w18]> desc c1;

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

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

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

| customerId | int(2) | YES | | NULL | |

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

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

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

| city | varchar(20) | YES | | NULL | |

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

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

6 rows in set (0.02 sec)

MariaDB [csd2204w18]> insert into c1 values(1,'Jaydeep','JD','NorthYork','Toronto',123456);

Query OK, 1 row affected (0.11 sec)

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

Query OK, 1 row affected (0.25 sec)

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

Query OK, 1 row affected (0.25 sec)

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

Query OK, 1 row affected (0.25 sec)

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

Query OK, 1 row affected (0.37 sec)

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

Query OK, 1 row affected (0.07 sec)

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

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into c1 values(2,'Bob Marley','Bm','32 Keele Street', 'Toronto',100100);

Query OK, 1 row affected (0.08 sec)

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

Query OK, 1 row affected (0.20 sec)

MariaDB [csd2204w18]> insert into c1 values(4,'Denial Jack','DJ','Sparton Bulding East', 'Brazil',341020);

Query OK, 1 row affected (0.07 sec)

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

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> select \* 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

-> ;

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

| customerId | name | nickname | address | city | postalCode |

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 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 |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

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

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

11 rows in set (0.02 sec)

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

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

| customerId | 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 customerid not between 4 and 7;

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

| customerId | name | nickname | address | city | postalCode |

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 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 |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 where nickname is not ('bm', 'ak', 'sparrow') ;

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

MariaDB [csd2204w18]> select \* from c1 where nickname not in ('bm', 'ak', 'sparrow') ;

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

| customerId | name | nickname | address | city | postalCode |

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

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

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

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

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

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

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

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

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customerid , name ,nickname from customers not in ('bm', 'ak', 'sparrow') ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'not in ('bm', 'ak', 'sparrow')' at line 1

MariaDB [csd2204w18]> select customerid , name ,nickname from customer not in ('bm', 'ak', 'sparrow') ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'not in ('bm', 'ak', 'sparrow')' at line 1

MariaDB [csd2204w18]> select customerid , name ,nickname from c1 not in ('bm', 'ak', 'sparrow') ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'not in ('bm', 'ak', 'sparrow')' at line 1

MariaDB [csd2204w18]> select customerId , name ,nickname from c1 not in ('bm', 'ak', 'sparrow') ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'not in ('bm', 'ak', 'sparrow')' at line 1

MariaDB [csd2204w18]> select customerId , name ,nickname from c1 not in ('Bm', 'Ak', 'Sparrow') ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'not in ('Bm', 'Ak', 'Sparrow')' at line 1

MariaDB [csd2204w18]> select customerId , name As "fullname" from c1 where nickname not in ('Bm', 'Ak', 'Sparrow') ;

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

| customerId | fullname |

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

| 1 | Jaydeep |

| 6 | Eston M. |

| 7 | Bobby Chacko. |

| 9 | Tony Special |

| 1 | Ashley |

| 3 | Cherlies Theron |

| 4 | Denial Jack |

| 5 | Donna Newman |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* frpm 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 'frpm c1' at line 1

MariaDB [csd2204w18]> select \* from c1;

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

| customerId | name | nickname | address | city | postalCode |

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 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 |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

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

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> count 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 'count name from c1 where name like 'A%'' at line 1

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

+------+

| name |

+------+

| 2 |

+------+

1 row in set (0.00 sec)

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

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

| count of name starting with a |

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

| 2 |

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

1 row in set (0.00 sec)

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

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

| count(\*) |

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

| 4 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as'number of people from from toronto' from c1 where city='toronto';

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

| number of people from from toronto |

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

| 4 |

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

1 row in set (0.00 sec)

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

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

| city |

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

| Toronto |

| New York |

| USA |

| GTA |

| New Jersey |

| WDC |

| Brazil |

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

7 rows in set (0.00 sec)

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

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

| count(city) |

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

| 11 |

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

1 row in set (0.00 sec)

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

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

| city |

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

| Toronto |

| New York |

| USA |

| GTA |

| New Jersey |

| WDC |

| Brazil |

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

7 rows in set (0.00 sec)

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

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

| city |

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

| Toronto |

| New York |

| USA |

| GTA |

| New Jersey |

| WDC |

| Brazil |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]>

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

Query OK, 1 row affected (0.05 sec)

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

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

| customerId | 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 | 32 Keele Street | Toronto | 100100 |

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

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

| 4 | Denial Jack | DJ | Sparton Bulding 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 |

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

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

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

12 rows in set (0.03 sec)

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

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

| customerId | name | nickname | address | city | postalCode |

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

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 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 | Sparton Bulding East | Brazil | 341020 |

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

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

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

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

12 rows in set (0.00 sec)

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

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

| count(city) | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 5 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.02 sec)

MariaDB [csd2204w18]> select \* from c1 order by postal\_code;

ERROR 1054 (42S22): Unknown column 'postal\_code' in 'order clause'

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

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 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 | Sparton Bulding East | Brazil | 341020 |

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

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

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

12 rows in set (0.01 sec)

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

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

| customerId | name | nickname | address | city | postalCode |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 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 | Sparton Bulding East | Brazil | 341020 |

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

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

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

12 rows in set (0.02 sec)

-> select \* from c1 order by postalcode desc ;

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

| id | select\_type | table | type | possible\_keys | key | key\_len | ref | rows | Extra |

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

| 1 | SIMPLE | c1 | ALL | NULL | NULL | NULL | NULL | 12 | Using filesort |

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

1 row in set (0.03 sec)

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

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

| customerId | name | nickname | address | city | postalCode |

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

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding 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 |

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

12 rows in set (0.00 sec)

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

+------+

| city |

+------+

| 1 |

| 1 |

| 1 |

| 2 |

| 5 |

| 1 |

| 1 |

+------+

7 rows in set, 1 warning (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 |

| 5 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

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

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

| customerId | name | nickname | address | city | postalCode |

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

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

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

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

2 rows in set (0.00 sec)

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

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

| min(postalcode) |

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

| 100100 |

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

1 row in set (0.05 sec)

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

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

| avg(postalcode) |

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

| 227478.2500 |

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

1 row in set (0.00 sec)

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

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

| max(postalcode) |

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

| 421044 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1 limit 3;

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

| customerId | name | nickname | address | city | postalCode |

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> 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 [csd2204w18]> select \* from c1 limit 3 order by customerId;

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

MariaDB [csd2204w18]> select \* from c1 limit 3 order by customerid;

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

MariaDB [csd2204w18]> select \* from c1 order by customerid desc limit 3;

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

| customerId | name | nickname | address | city | postalCode |

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> (select \* from c1 order by customerid desc limit 3)order by customerid;

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

| customerId | 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 (0.03 sec)

MariaDB [csd2204w18]> insert into c1 (customerid,name)values(11,'rajesh');

Query OK, 1 row affected (0.56 sec)

MariaDB [csd2204w18]> select \*from c1

-> ;

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

| customerId | name | nickname | address | city | postalCode |

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 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 |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

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

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

| 11 | rajesh | NULL | NULL | NULL | NULL |

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

13 rows in set (0.02 sec)

MariaDB [csd2204w18]> select \*from c1 where nickname is null;

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

| customerId | name | nickname | address | city | postalCode |

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

| 11 | rajesh | NULL | NULL | NULL | NULL |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from c1 where nickname is not null;

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

| customerId | name | nickname | address | city | postalCode |

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

| 1 | Jaydeep | JD | NorthYork | Toronto | 123456 |

| 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 |

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

| 2 | Bob Marley | Bm | 32 Keele Street | Toronto | 100100 |

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

| 4 | Denial Jack | DJ | Sparton Bulding East | Brazil | 341020 |

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

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

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

12 rows in set (0.00 sec)

MariaDB [csd2204w18]>