Setting environment for using XAMPP for Windows.

727012@128-IMAC18 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 65

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> use csd2004w18

ERROR 1049 (42000): Unknown database 'csd2004w18'

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show tables

-> ;

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

| Tables\_in\_csd2204w18 |

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

| customer |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer;

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

| custID | name | nickname | city | postalcode | Address |

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

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select custID NOT between 4 and 7;

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

MariaDB [csd2204w18]> select custID from customer 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 'NOT between 4 and 7' at line 1

MariaDB [csd2204w18]> select custID from customer where custID NOT between 4 and 7;

+--------+

| custID |

+--------+

| 1 |

| 2 |

| 3 |

| 8 |

| 9 |

| 10 |

+--------+

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select custID from customer where nickname NOT IN('BM','AK','sparrow');

+--------+

| custID |

+--------+

| 1 |

| 3 |

| 4 |

| 5 |

| 6 |

| 7 |

| 9 |

+--------+

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select custID, name,city from customer;

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

| custID | name | city |

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

| 1 | Ashley | Toronto |

| 2 | BobMarley | Toronto |

| 3 | cherlies Theron | NewYork |

| 4 | Denial Jack | Brazil |

| 5 | Donna newman | Toronto |

| 6 | Eston | Toronto |

| 7 | Bobby Chacko | NewYork |

| 8 | Ashko Charles | USA |

| 9 | Tony Special | GTA |

| 10 | JackSp | NewJersey |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select name AS "Fullname";

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

MariaDB [csd2204w18]> select name from customer AS "Fullname";

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 '"Fullname"' at line 1

MariaDB [csd2204w18]> select name AS "Fullname" from customer;

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

| Fullname |

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

| Ashley |

| BobMarley |

| cherlies Theron |

| Denial Jack |

| Donna newman |

| Eston |

| Bobby Chacko |

| Ashko Charles |

| Tony Special |

| JackSp |

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

10 rows in set (0.00 sec)

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

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

| count(\*) |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) AS "Name wiht A" from customer where name LIKE 'A%';

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

| Name wiht A |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) AS "Living in Toronto" from customer where city = 'Toronto';l

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

| Living in Toronto |

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

| 4 |

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

1 row in set (0.00 sec)

-> ;

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

MariaDB [csd2204w18]> select Distinct(city) from customer;

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

| city |

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

| Toronto |

| NewYork |

| Brazil |

| USA |

| GTA |

| NewJersey |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(name) from customer Distinct(city);

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

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

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

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

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

| custID | name | nickname | city | postalcode | Address |

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

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

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

10 rows in set (0.00 sec)

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

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

| custID | name | nickname | city | postalcode | Address |

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

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

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

10 rows in set (0.00 sec)

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

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

| custID | name | nickname | city | postalcode | Address |

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

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

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

10 rows in set (0.00 sec)

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

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

| custID | name | nickname | city | postalcode | Address |

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

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer order by custID desc,Name asc,city desc;

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

| custID | name | nickname | city | postalcode | Address |

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

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

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

10 rows in set (0.00 sec)

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

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

| count(\*) | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | NewJersey |

| 2 | NewYork |

| 4 | Toronto |

| 1 | USA |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where name LIKE 'D%';

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

| custID | name | nickname | city | postalcode | Address |

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

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

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

2 rows in set (0.00 sec)

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

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

| min(postalcode) |

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

| 100100 |

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

1 row in set (0.00 sec)

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

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

| max(postalcode) |

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

| 421044 |

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

1 row in set (0.00 sec)

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

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

| sum(postalcode) |

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

| 2476163 |

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

1 row in set (0.00 sec)

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

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

| avg(postalcode) |

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

| 247616.3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer;

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

| custID | name | nickname | city | postalcode | Address |

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

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

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

10 rows in set (0.00 sec)

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

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

| custID | name | nickname | city | postalcode | Address |

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

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer order by custID asc;

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

| custID | name | nickname | city | postalcode | Address |

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

| 1 | Ashley | Ash | Toronto | 321200 | Downtown |

| 2 | BobMarley | BM | Toronto | 100100 | Downtown |

| 3 | cherlies Theron | Cher | NewYork | 120134 | Downtown |

| 4 | Denial Jack | DJ | Brazil | 341020 | Downtown |

| 5 | Donna newman | New | Toronto | 130120 | Downtown |

| 6 | Eston | M. | Toronto | 201023 | Downtown |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | Downtown |

| 8 | Ashko Charles | AK | USA | 421044 | Downtown |

| 9 | Tony Special | Specie | GTA | 418921 | Downtown |

| 10 | JackSp | Sparrow | NewJersey | 102301 | Downtown |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select avg(city) from customer;

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

| avg(city) |

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

| 0 |

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

1 row in set, 10 warnings (0.00 sec)

MariaDB [csd2204w18]> select avg(count(city));

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

MariaDB [csd2204w18]> select avg(count(city)) from customer;

ERROR 1111 (HY000): Invalid use of group function

MariaDB [csd2204w18]> select Address from customer;

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

| Address |

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

| Downtown |

| Downtown |

| Downtown |

| Downtown |

| Downtown |

| Downtown |

| Downtown |

| Downtown |

| Downtown |

| Downtown |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> update Address

-> ;

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

MariaDB [csd2204w18]> update customer;

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

MariaDB [csd2204w18]> update customer

-> set Address = 'GTA';

Query OK, 10 rows affected (0.06 sec)

Rows matched: 10 Changed: 10 Warnings: 0

MariaDB [csd2204w18]> select Address from customer;

+---------+

| Address |

+---------+

| GTA |

| GTA |

| GTA |

| GTA |

| GTA |

| GTA |

| GTA |

| GTA |

| GTA |

| GTA |

+---------+

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer LIMIT 5;

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

| custID | name | nickname | city | postalcode | Address |

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

| 1 | Ashley | Ash | Toronto | 321200 | GTA |

| 2 | BobMarley | BM | Toronto | 100100 | GTA |

| 3 | cherlies Theron | Cher | NewYork | 120134 | GTA |

| 4 | Denial Jack | DJ | Brazil | 341020 | GTA |

| 5 | Donna newman | New | Toronto | 130120 | GTA |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer LIMIT > 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 '> 6' at line 1

MariaDB [csd2204w18]> select \*from customer LIMIT > -3;

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

MariaDB [csd2204w18]> select \*from customer LIMIT 10-7;

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 '-7' at line 1

MariaDB [csd2204w18]> select \*from customer where LIMIT = 10-7 ;

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 'LIMIT = 10-7' at line 1

MariaDB [csd2204w18]> select \*from customer order by custID desc LIMIT 3 ;

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

| custID | name | nickname | city | postalcode | Address |

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

| 10 | JackSp | Sparrow | NewJersey | 102301 | GTA |

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

| 8 | Ashko Charles | AK | USA | 421044 | GTA |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer order by custID desc 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 customer order by custID desc LIMIT 3 order by custID asc;

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

MariaDB [csd2204w18]> select \*from customer order by custID asc LIMIT 3;

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

| custID | name | nickname | city | postalcode | Address |

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

| 1 | Ashley | Ash | Toronto | 321200 | GTA |

| 2 | BobMarley | BM | Toronto | 100100 | GTA |

| 3 | cherlies Theron | Cher | NewYork | 120134 | GTA |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer order by custID desc LIMIT 3;

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

| custID | name | nickname | city | postalcode | Address |

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

| 10 | JackSp | Sparrow | NewJersey | 102301 | GTA |

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

| 8 | Ashko Charles | AK | USA | 421044 | GTA |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer order by custID desc LIMIT 3,order by custID asc;

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

MariaDB [csd2204w18]> select \*from customer order by custID desc LIMIT 3;

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

| custID | name | nickname | city | postalcode | Address |

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

| 10 | JackSp | Sparrow | NewJersey | 102301 | GTA |

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

| 8 | Ashko Charles | AK | USA | 421044 | GTA |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer order by custID desc LIMIT 3 AND order by custID asc;

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

MariaDB [csd2204w18]> select \*from customer order by custID desc LIMIT 3 order by custID asc;

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

MariaDB [csd2204w18]> (select \*from customer order by custID desc LIMIT 3) order by custID asc;

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

| custID | name | nickname | city | postalcode | Address |

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

| 8 | Ashko Charles | AK | USA | 421044 | GTA |

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

| 10 | JackSp | Sparrow | NewJersey | 102301 | GTA |

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

3 rows in set (0.00 sec)

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

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

MariaDB [csd2204w18]> select \*from (select \*from customers order by custID desc LIMIT 3) J1 order by custID asc;

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

MariaDB [csd2204w18]> select \*from (select \*from customer order by custID desc LIMIT 3) J1 order by custID asc;

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

| custID | name | nickname | city | postalcode | Address |

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

| 8 | Ashko Charles | AK | USA | 421044 | GTA |

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

| 10 | JackSp | Sparrow | NewJersey | 102301 | GTA |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into customer(custID,name) values(11,'Kevin');

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> select \*from cusotmers;

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

MariaDB [csd2204w18]> select \*from customer;

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

| custID | name | nickname | city | postalcode | Address |

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

| 1 | Ashley | Ash | Toronto | 321200 | GTA |

| 2 | BobMarley | BM | Toronto | 100100 | GTA |

| 3 | cherlies Theron | Cher | NewYork | 120134 | GTA |

| 4 | Denial Jack | DJ | Brazil | 341020 | GTA |

| 5 | Donna newman | New | Toronto | 130120 | GTA |

| 6 | Eston | M. | Toronto | 201023 | GTA |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | GTA |

| 8 | Ashko Charles | AK | USA | 421044 | GTA |

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

| 10 | JackSp | Sparrow | NewJersey | 102301 | GTA |

| 11 | Kevin | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> update customer

-> set Address = 'NYC';

Query OK, 11 rows affected (0.05 sec)

Rows matched: 11 Changed: 11 Warnings: 0

MariaDB [csd2204w18]> select \*from customer where name = NULL:

-> ;

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

MariaDB [csd2204w18]> select \*from customer where name = NULL;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \*from customer where nickname = NULL;

Empty set (0.00 sec)

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

Empty set (0.03 sec)

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

Empty set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) AS "NULLNAME" where nickname = NULL;

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

MariaDB [csd2204w18]> select count(\*) AS "NULLNAME" where nickname IS NULL;

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

MariaDB [csd2204w18]> select \*from customer where nickname IS NULL;

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

| custID | name | nickname | city | postalcode | Address |

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

| 11 | Kevin | NULL | NULL | NULL | NYC |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \*from cusotmer where nickname IS NOT NULL;

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

MariaDB [csd2204w18]> select \*from customer where nickname IS NOT NULL;

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

| custID | name | nickname | city | postalcode | Address |

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

| 1 | Ashley | Ash | Toronto | 321200 | NYC |

| 2 | BobMarley | BM | Toronto | 100100 | NYC |

| 3 | cherlies Theron | Cher | NewYork | 120134 | NYC |

| 4 | Denial Jack | DJ | Brazil | 341020 | NYC |

| 5 | Donna newman | New | Toronto | 130120 | NYC |

| 6 | Eston | M. | Toronto | 201023 | NYC |

| 7 | Bobby Chacko | Chac | NewYork | 320300 | NYC |

| 8 | Ashko Charles | AK | USA | 421044 | NYC |

| 9 | Tony Special | Specie | GTA | 418921 | NYC |

| 10 | JackSp | Sparrow | NewJersey | 102301 | NYC |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]>