Setting environment for using XAMPP for Windows.

732069@128-IMAC20 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 2

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

5 rows in set (0.03 sec)

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table customer(

-> -> customerID int(2),

-> -> name varchar(40),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> popstalcode 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 '-> customerID int(2),

-> name varchar(40),

-> nickname varchar(10),

' at line 2

MariaDB [csd2204w18]> create table customer(

-> customerID int(2),

-> customerID int(2),

-> nickname varchar(10),

-> ;

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

MariaDB [csd2204w18]> create table customer(

-> customerID int(2),

-> Bye

732069@128-IMAC20 c:\xampp

# ;

732069@128-IMAC20 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)]> show databases;

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

| Database |

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

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> create database csd2204w18;

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

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table customer(

-> customerID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalcode int(6)

-> );

Query OK, 0 rows affected (4.29 sec)

MariaDB [csd2204w18]> insert into customer values(1,'priya','sonal','north york','toronto',123456);

Query OK, 1 row affected (0.20 sec)

MariaDB [csd2204w18]> insert into customer values(2,'ashley','ash','32 washington','WDC',321000);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(3,'bob marley','Bm','Keele street','Toronto',10000);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customer values(4,'cherlis Theron','cher','329 Empire state Building','New york',2204);

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> insert into customer values(5,'Eston','En','21 york','Toronto',9967);

Query OK, 1 row affected (0.16 sec)

MariaDB [csd2204w18]> insert into customer values(6,'bobby','bob','kennedy','Toronto',65756);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> insert into customer values(7,'Ashko','ash','Washington dc','USA',655625);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customer values(8,'mary','m','newyork','USA',7356);

Query OK, 1 row affected (0.11 sec)

MariaDB [csd2204w18]> insert into customer values(9,'tony special','tony','oakville','GTA',74848);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into customer values(10,'Jack Sp','sparrow','oaster village','new jersey',253472);

Query OK, 1 row affected (0.08 sec)

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

MariaDB [csd2204w18]> select \* from customer;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

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

10 rows in set (0.00 sec)

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

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

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

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

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where customerID not between 4 and 7;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where nickname not IN('Bm','m','sparrow');

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 9 | tony special | tony | oakville | GTA | 74848 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customerID,name,city from 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 'from customer' at line 1

MariaDB [csd2204w18]> select \* from customerID, name, city from 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 'from customer' at line 1

MariaDB [csd2204w18]> select \* customerID, name, city from 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 'customerID, name, city from customer' at line 1

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

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

| customerID | name | city |

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

| 1 | priya | toronto |

| 2 | ashley | WDC |

| 3 | bob marley | Toronto |

| 4 | cherlis Theron | New york |

| 5 | Eston | Toronto |

| 6 | bobby | Toronto |

| 7 | Ashko | USA |

| 8 | mary | USA |

| 9 | tony special | GTA |

| 10 | Jack Sp | new jersey |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> selectcustomerID, name AS "fullname" from 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 'selectcustomerID, name AS "fullname" from customer' at line 1

MariaDB [csd2204w18]> insert into customer values(9,'tony special','tony','oakville','GTA',74848);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> select \* from customer;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

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

11 rows in set (0.01 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 "record" from customer where name LIKE 'A%';

+--------+

| record |

+--------+

| 2 |

+--------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) as "customer from toronto" from customer where city LIKE 'toronto%';

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

| customer from toronto |

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

| 4 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> select DISTINCT(CITY) FROM customer;

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

| CITY |

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

| toronto |

| WDC |

| New york |

| USA |

| GTA |

| new jersey |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select DISTINCT(CITY) as "only cities" FROM customer;

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

| only cities |

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

| toronto |

| WDC |

| New york |

| USA |

| GTA |

| new jersey |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select DISTINCT(customer) and DISTINCT(city) from 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 'DISTINCT(city) from customer' at line 1

MariaDB [csd2204w18]> select DISTINCT(name) and DISTINCT(city) from 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 'DISTINCT(city) from customer' at line 1

MariaDB [csd2204w18]> Bye

732069@128-IMAC20 c:\xampp

#

732069@128-IMAC20 c:\xampp

#

732069@128-IMAC20 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 4

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

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

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> show databases;

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

| Database |

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

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> create database csd2204w18;

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

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select \* from customer;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

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

11 rows in set (0.00 sec)

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

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

| name | city |

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

| priya | toronto |

| ashley | WDC |

| bob marley | Toronto |

| cherlis Theron | New york |

| Eston | Toronto |

| bobby | Toronto |

| Ashko | USA |

| mary | USA |

| tony special | GTA |

| Jack Sp | new jersey |

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

10 rows in set (0.00 sec)

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

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

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

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

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 8 | mary | m | newyork | USA | 7356 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

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

11 rows in set (0.00 sec)

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

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

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

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

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 8 | mary | m | newyork | USA | 7356 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

11 rows in set (0.01 sec)

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

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

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

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

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 8 | mary | m | newyork | USA | 7356 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer order by postal code 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 'code desc' at line 1

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

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

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

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

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 8 | mary | m | newyork | USA | 7356 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

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

11 rows in set (0.00 sec)

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

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

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

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

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 8 | mary | m | newyork | USA | 7356 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* postalcode from customer order by city 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 from customer order by city desc' at line 1

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

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

| postalcode |

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

| 321000 |

| 7356 |

| 655625 |

| 123456 |

| 65756 |

| 9967 |

| 10000 |

| 2204 |

| 253472 |

| 74848 |

| 74848 |

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

11 rows in set (0.02 sec)

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

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

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

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

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 8 | mary | m | newyork | USA | 7356 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

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

11 rows in set (0.00 sec)

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

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

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

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

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 8 | mary | m | newyork | USA | 7356 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

11 rows in set (0.00 sec)

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

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

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

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

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 8 | mary | m | newyork | USA | 7356 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

11 rows in set (0.00 sec)

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

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

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

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

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 8 | mary | m | newyork | USA | 7356 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

11 rows in set (0.00 sec)

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

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

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

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

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

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

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 1 | priya | sonal | north york | toronto | 123456 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 8 | mary | m | newyork | USA | 7356 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

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

11 rows in set (0.00 sec)

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

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

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

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

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 8 | mary | m | newyork | USA | 7356 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 1 | priya | sonal | north york | toronto | 123456 |

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

11 rows in set (0.00 sec)

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

+------+

| city |

+------+

| 2 |

| 1 |

| 1 |

| 4 |

| 2 |

| 1 |

+------+

6 rows in set, 1 warning (0.00 sec)

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

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

| count(\*) | city |

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

| 2 | GTA |

| 1 | new jersey |

| 1 | New york |

| 4 | toronto |

| 2 | USA |

| 1 | WDC |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer group by city where name LIKE 'd%';

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

MariaDB [csd2204w18]> select \* from customer group by city where name LIKE 'b%';

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

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

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

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

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

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

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

| min(postalcode) |

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

| 2204 |

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

1 row in set (0.00 sec)

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

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

| max(postalcode) |

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

| 655625 |

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

1 row in set (0.00 sec)

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

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

| avg(postalcode) |

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

| 145321.0909 |

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

1 row in set (0.00 sec)

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

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

| min(postalcode) |

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

| 74848 |

| 253472 |

| 2204 |

| 9967 |

| 7356 |

| 321000 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

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

11 rows in set (0.00 sec)

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

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

| min(postalcode) |

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

| 655625 |

| 321000 |

| 10000 |

| 65756 |

| 2204 |

| 9967 |

| 253472 |

| 7356 |

| 123456 |

| 74848 |

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

10 rows in set (0.00 sec)

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

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

| postalcode |

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

| 2 |

| 1 |

| 1 |

| 4 |

| 2 |

| 1 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select distinct name, group by city from 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 'group by city from customer' at line 1

MariaDB [csd2204w18]> select distinct name group by city from 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 'group by city from customer' at line 1

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

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

| postalcode |

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

| 2 |

| 1 |

| 1 |

| 4 |

| 2 |

| 1 |

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

6 rows in set (0.00 sec)

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

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

MariaDB [csd2204w18]> select \* from customers LIMIT 1;

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

MariaDB [csd2204w18]> select \* from customer LIMIT 1;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer 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 [csd2204w18]> select \* from customer LIMIT asc 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 'asc 5' at line 1

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

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

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

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer order by city LIMIT 6;

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

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

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

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer order by customerID desc LIMIT 5;

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

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

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

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 8 | mary | m | newyork | USA | 7356 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer order by customerID asc LIMIT 5;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer order by customerID desc between 7 and 10;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'between 7 and 10' at line 1

MariaDB [csd2204w18]> select order by customerID desc between 7 and 10 from 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 'order by customerID desc between 7 and 10 from customer' at line 1

MariaDB [csd2204w18]> select \* from customer order by customerID asc LIMIT 5;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer order by customerID desc LIMIT 5;

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

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

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

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 8 | mary | m | newyork | USA | 7356 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> (select \* from customer order by customerID desc LIMIT 5) order by customerID asc;

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

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

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

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> (select \* from customer order by customerID desc LIMIT 5) order by customerID desc;

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

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

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

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 8 | mary | m | newyork | USA | 7356 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from (select \* from customer order by customerID desc LIMIT 5) order by customerID asc;

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

MariaDB [csd2204w18]> select \* from (select \* from customer order by customerID desc LIMIT 5) a1 order by customerID asc;

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

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

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

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO customer (custumerID,name) VALUES(11,'KESHAV');

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

MariaDB [csd2204w18]> INSERT INTO customer (customerID,name) VALUES(11,'KESHAV');

Query OK, 1 row affected (0.36 sec)

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

MariaDB [csd2204w18]> select \* from customer;

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 11 | KESHAV | NULL | NULL | NULL | NULL |

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

12 rows in set (0.00 sec)

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

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

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

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

| 11 | KESHAV | NULL | NULL | NULL | NULL |

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

1 row in set (0.00 sec)

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

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

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

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

| 1 | priya | sonal | north york | toronto | 123456 |

| 2 | ashley | ash | 32 washington | WDC | 321000 |

| 3 | bob marley | Bm | Keele street | Toronto | 10000 |

| 4 | cherlis Theron | cher | 329 Empire state Building | New york | 2204 |

| 5 | Eston | En | 21 york | Toronto | 9967 |

| 6 | bobby | bob | kennedy | Toronto | 65756 |

| 7 | Ashko | ash | Washington dc | USA | 655625 |

| 8 | mary | m | newyork | USA | 7356 |

| 9 | tony special | tony | oakville | GTA | 74848 |

| 10 | Jack Sp | sparrow | oaster village | new jersey | 253472 |

| 9 | tony special | tony | oakville | GTA | 74848 |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> exit

Bye

732069@128-IMAC20 c:\xampp

# mysqldump -u root -p csd2204 > priyaDay4.sql

Enter password:

mysqldump: Got error: 1049: "Unknown database 'csd2204'" when selecting the database

732069@128-IMAC20 c:\xampp

# mysqldump -u root -p csd2204w18 > priyaDay4.sql

Enter password:

732069@128-IMAC20 c:\xampp

#