Setting environment for using XAMPP for Windows.

703282@128-IMAC03 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 (0.05 sec)

MariaDB [(none)]> create database customer;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use customers;

ERROR 1049 (42000): Unknown database 'customers'

MariaDB [(none)]> use customer;

Database changed

MariaDB [customer]> create database csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [customer]> show databases;

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

| Database |

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

| csd2204w18 |

| customer |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

7 rows in set (0.00 sec)

MariaDB [customer]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table customers(

-> customersID int(2),

-> name varchar(40),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalCode int(6)

-> );

Query OK, 0 rows affected (0.50 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customers |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> desc customers;

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

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

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

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

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

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

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

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

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

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

6 rows in set (0.01 sec)

MariaDB [csd2204w18]> show create table customers;

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

| Table | Create Table |

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

| customers | CREATE TABLE `customers` (

`customersID` int(2) DEFAULT NULL,

`name` varchar(40) DEFAULT NULL,

`nickname` varchar(10) DEFAULT NULL,

`address` varchar(50) DEFAULT NULL,

`city` varchar(30) DEFAULT NULL,

`postalCode` int(6) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customers values(1,'inder','toor','washburn','toronto',123456);

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> insert into customers values(2,'jasleen','hathi','shpd av east','toronto',567890);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into customers values(3,'cherlis','theron','keele street','new york',263789);

Query OK, 1 row affected (0.16 sec)

MariaDB [csd2204w18]> insert into customers values(4,'denial','jack','spartan building','brazil',456738);

Query OK, 1 row affected (0.27 sec)

MariaDB [csd2204w18]> insert into customers values(5,'donna newman','new','250 carlson blvd','toronto',201023);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customers values(6,'eston','est','21 york dv','toronto',764894);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> ]> insert into customers values(7,'bobby chacko','chac','kennedy','new york',354789);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ']> insert into customers values(7,'bobby chacko','chac','kennedy','new york',354' at line 1

MariaDB [csd2204w18]> insert into customers values(7,'bobby chacko','chac','kennedy','new york',354789);

Query OK, 1 row affected (0.16 sec)

MariaDB [csd2204w18]> insert into customers values(8,'ashko charles','ak','washington','usa',46578);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> insert into customers values(9,'spec','st','oakville','usa',67494);

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> insert into customers values(10,'steve job','job','toronto','canada',594032);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

10 rows in set (0.00 sec)

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

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

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

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

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customersID NOT BETWEEN 4 and 7;

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname NOT IN ('ak','st');

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 10 | steve job | job | toronto | canada | 594032 |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersID,name,nickname from customers where nickname NOT IN ('ak','st');

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

| customersID | name | nickname |

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

| 1 | inder | toor |

| 2 | jasleen | hathi |

| 3 | cherlis | theron |

| 4 | denial | jack |

| 5 | donna newman | new |

| 6 | eston | est |

| 7 | bobby chacko | chac |

| 10 | steve job | job |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select COUNT (\*) from customers 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 '\*) from customers where name like 'a%'' at line 1

MariaDB [csd2204w18]> select COUNT(\*) from customers where name LIKE 'a%';

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

| COUNT(\*) |

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

| 1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select COUNT(\*) AS "customers having name with A" FROM CUSTOMERS WHERE name LIKE 'A%';

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

| customers having name with A |

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

| 1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT \* from customers;

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT DISTINCT(CITY) from customers;

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

| CITY |

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

| toronto |

| new york |

| brazil |

| usa |

| canada |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT customersID,name AS "full name" from customers where nickname NOT IN ('ak','st');

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

| customersID | full name |

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

| 1 | inder |

| 2 | jasleen |

| 3 | cherlis |

| 4 | denial |

| 5 | donna newman |

| 6 | eston |

| 7 | bobby chacko |

| 10 | steve job |

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

8 rows in set (0.00 sec)

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

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

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

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

| 8 | ashko charles | ak | washington | usa | 46578 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

10 rows in set (0.00 sec)

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

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

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

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

| 10 | steve job | job | toronto | canada | 594032 |

| 9 | spec | st | oakville | usa | 67494 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 8 | ashko charles | ak | washington | usa | 46578 |

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

10 rows in set (0.00 sec)

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

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

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

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

| 8 | ashko charles | ak | washington | usa | 46578 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalCode asc;

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

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

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

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 10 | steve job | job | toronto | canada | 594032 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalCode desc;

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

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

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

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 10 | steve job | job | toronto | canada | 594032 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 9 | spec | st | oakville | usa | 67494 |

| 8 | ashko charles | ak | washington | usa | 46578 |

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

10 rows in set (0.00 sec)

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

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

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

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

| 9 | spec | st | oakville | usa | 67494 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 10 | steve job | job | toronto | canada | 594032 |

| 4 | denial | jack | spartan building | brazil | 456738 |

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

10 rows in set (0.00 sec)

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

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

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

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

| 4 | denial | jack | spartan building | brazil | 456738 |

| 10 | steve job | job | toronto | canada | 594032 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by city AND postalCode asc;

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 9 | spec | st | oakville | usa | 67494 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 10 | steve job | job | toronto | canada | 594032 |

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

10 rows in set, 10 warnings (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by city,postalCode asc;

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

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

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

| 4 | denial | jack | spartan building | brazil | 456738 |

| 10 | steve job | job | toronto | canada | 594032 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalCode,city asc;

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

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

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

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 10 | steve job | job | toronto | canada | 594032 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalCod desc AND 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 'AND city asc' at line 1

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

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

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

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

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

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

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 10 | steve job | job | toronto | canada | 594032 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 1 | inder | toor | washburn | toronto | 123456 |

| 9 | spec | st | oakville | usa | 67494 |

| 8 | ashko charles | ak | washington | usa | 46578 |

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

10 rows in set (0.00 sec)

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

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

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

ERROR 1054 (42S22): Unknown column 'customer' in 'group statement'

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

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

| count(\*) | city |

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

| 1 | brazil |

| 1 | canada |

| 2 | new york |

| 4 | toronto |

| 2 | usa |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*),city from customers group by city LIKE '%d";

'> ';

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

| count(\*) | city |

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

| 10 | toronto |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*),city from customers group by city,name LIKE '%d";

'> ;

'> ';

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

| count(\*) | city |

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

| 1 | brazil |

| 1 | canada |

| 2 | new york |

| 4 | toronto |

| 2 | usa |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*),city from customers group by city,name LIKE '%d';

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

| count(\*) | city |

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

| 1 | brazil |

| 1 | canada |

| 2 | new york |

| 4 | toronto |

| 2 | usa |

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

5 rows in set (0.00 sec)

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

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

| min(postalCode) |

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

| 46578 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select max(postalCode) from customers;

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

| max(postalCode) |

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

| 764894 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select avg(postalCode) from customers;

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

| avg(postalCode) |

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

| 344068.3000 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select sum(postalCode) from customers;

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

| sum(postalCode) |

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

| 3440683 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where city like '%t';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where city like 't%';

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where cutomersID NOT BETWEEN 2 AND 8;

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

MariaDB [csd2204w18]> select \* from customers where cuStomersID NOT BETWEEN 2 AND 8;

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersID, name,nickname from where nickname NOT IN ('st','job');

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 NOT IN ('st','job')' at line 1

MariaDB [csd2204w18]> select customersID, name,nickname from customers where nickname NOT IN ('st','job');

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

| customersID | name | nickname |

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

| 1 | inder | toor |

| 2 | jasleen | hathi |

| 3 | cherlis | theron |

| 4 | denial | jack |

| 5 | donna newman | new |

| 6 | eston | est |

| 7 | bobby chacko | chac |

| 8 | ashko charles | ak |

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count (\*) AS "customers having name with A" from customers 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 '\*) AS "customers having name with A" from customers where name LIKE 'a%'' at line 1

MariaDB [csd2204w18]> select count (\*) AS "customers having name with A" from customers 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 '\*) AS "customers having name with A" from customers WHERE name LIKE 'a%'' at line 1

MariaDB [csd2204w18]> select count (\*) AS "customers having name with A" from customers 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 '\*) AS "customers having name with A" from customers WHERE name LIKE 'a%'' at line 1

MariaDB [csd2204w18]> select city,count(city)\*100/10 AS "customers %" from customers group by city;

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

| city | customers % |

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

| brazil | 10.0000 |

| canada | 10.0000 |

| new york | 20.0000 |

| toronto | 40.0000 |

| usa | 20.0000 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers 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 '%' at line 1

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

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where customersID BETWEEN 8 AND 10;

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

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

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

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by customersID desc LIMIT 3;

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

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

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

| 10 | steve job | job | toronto | canada | 594032 |

| 9 | spec | st | oakville | usa | 67494 |

| 8 | ashko charles | ak | washington | usa | 46578 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by customersID asc LIMIT 3;

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> (select \* from customers order by customersID desc LIMIT 3) order by customerID ASC;

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

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

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

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

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

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from(select \* from customers order by customersID desc LIMIT 3)i1 order by customersID ASC;

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

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

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

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO customers (customersID,name) VALUES (11,'Harry');

Query OK, 1 row affected (0.07 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

| 1 | inder | toor | washburn | toronto | 123456 |

| 2 | jasleen | hathi | shpd av east | toronto | 567890 |

| 3 | cherlis | theron | keele street | new york | 263789 |

| 4 | denial | jack | spartan building | brazil | 456738 |

| 5 | donna newman | new | 250 carlson blvd | toronto | 201023 |

| 6 | eston | est | 21 york dv | toronto | 764894 |

| 7 | bobby chacko | chac | kennedy | new york | 354789 |

| 8 | ashko charles | ak | washington | usa | 46578 |

| 9 | spec | st | oakville | usa | 67494 |

| 10 | steve job | job | toronto | canada | 594032 |

| 11 | Harry | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

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

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname is NULL;

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

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

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

| 11 | Harry | NULL | NULL | NULL | NULL |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name have nickname;

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

MariaDB [csd2204w18]> exit

Bye

703282@128-IMAC03 c:\xampp

# bin jkp$ mysqldump -p -u root csd2204w18 > Day4.sql

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

operable program or batch file.

703282@128-IMAC03 c:\xampp

# mysqldump -p -u root csd2204w18 > Day4.sql

Enter password:

703282@128-IMAC03 c:\xampp

#