Setting environment for using XAMPP for Windows.

728427@128-IMAC05 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)]> show databases;

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

| Database |

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

| customers |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table customer1(

-> customerID` int(2) DEFAULT NULL,

`> 'name` varchar(20) DEFAULT 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 '` int(2) DEFAULT NULL,

'name` varchar(20) DEFAULT NULL,

)' at line 2

MariaDB [csd2204w18]> create table customer1(

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

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

-> `nickname` varchar(10) DEFAULT NULL,

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

-> `city` varchar(10) DEFAULT NULL,

-> postalcode` int(6) DEFAULT NULL

`> );

`> ;

`> c

`> Bye

728427@128-IMAC05 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 5

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 |

| customers |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

7 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204118;

ERROR 1049 (42000): Unknown database 'csd2204118'

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table e1 (

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

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

-> `nickname` varchar(10) DEFAULT NULL,

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

-> `city` varchar(10) DEFAULT NULL,

-> `postalcode` int(6) DEFAULT NULL

-> )

-> ;

Query OK, 0 rows affected (2.48 sec)

MariaDB [csd2204w18]> describe e1;

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

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

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

| customerID | int(2) | YES | | NULL | |

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

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

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

| city | varchar(10) | YES | | NULL | |

| postalcode | int(6) | YES | | NULL | |

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

6 rows in set (0.08 sec)

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

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

MariaDB [csd2204w18]> insert into e1 values(1,'Ashley','Ash','32 Washington street','WDC',321200);

Query OK, 1 row affected (0.20 sec)

MariaDB [csd2204w18]> insert into e1 values(2,'Bob Marley','Bm','Keele Street','Toronto',100100);

Query OK, 1 row affected (0.42 sec)

MariaDB [csd2204w18]> ]> insert into e1 values(3,'Cherlies Theron','Cher','329 Empire state Building','New York',120134);

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 e1 values(3,'Cherlies Theron','Cher','329 Empire state Building',' at line 1

MariaDB [csd2204w18]> ]> insert into e1 values(3,'Cherlies Theron','Cher','329 Empire state Building','New York',120134);

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 e1 values(3,'Cherlies Theron','Cher','329 Empire state Building',' at line 1

MariaDB [csd2204w18]> ]> insert into e1 values(3,'Cherlies Theron','Cher','329 Empire state Building','New York',120134);

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 e1 values(3,'Cherlies Theron','Cher','329 Empire state Building',' at line 1

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

insert into customers values(3,'Cherlies Theron','Cher','329 Empire state Building','New York',120134);

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

MariaDB [csd2204w18]> insert into e1 values(3,'Cherlies Theron','Cher','329 Empire state Building','New York',120134);

Query OK, 1 row affected (0.28 sec)

MariaDB [csd2204w18]> insert into e1 values(4,'Denial Jack','DJ','Spartan Building East','Brazil',341020);

Query OK, 1 row affected (0.34 sec)

MariaDB [csd2204w18]> insert into e1 values(5,'Donna Newman','New','250 Carlson Blvd','Toronto',130120);

Query OK, 1 row affected (0.47 sec)

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

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

MariaDB [csd2204w18]> Query OK, 1 row affected (0.05 sec)

-> Bye

728427@128-IMAC05 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 6

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 |

| customers |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

7 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select \* from e1;

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

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

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

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

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

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

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

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

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into e1 values(6,'Eston M.','M.','21 York. DV.','Toronto',201023);

Query OK, 1 row affected (0.25 sec)

MariaDB [csd2204w18]> insert into customers values(7,'Booby Chacko','Chao','Kennedy','New York',320300);

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

MariaDB [csd2204w18]> insert into e1 values(7,'Booby Chacko','Chao','Kennedy','New York',320300);

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> select \* from e1 where nickname NOT IN('BM','DJ');

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

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

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT customerID, name, nickname from e1 where nickname NOT IN('Bm','AK');

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

| customerID | name | nickname |

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

| 1 | Ashley | Ash |

| 3 | Cherlies Theron | Cher |

| 4 | Denial Jack | DJ |

| 5 | Donna Newman | New |

| 6 | Eston M. | M. |

| 7 | Booby Chacko | Chao |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT customerID, name AS "FULLNAME"from e1 where nickname NOT IN('Bm','AK');

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

| customerID | FULLNAME |

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

| 1 | Ashley |

| 3 | Cherlies Theron |

| 4 | Denial Jack |

| 5 | Donna Newman |

| 6 | Eston M. |

| 7 | Booby Chacko |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1;

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

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

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

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

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) FROM e1 WHWERE 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 'NAME LIKE 'A%'' at line 1

MariaDB [csd2204w18]> select count(\*) FROM e1 WHWERE 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 'name LIKE 'A%'' at line 1

MariaDB [csd2204w18]> select count(\*) FROM e1 WHERE name LIKE 'A%';

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

| count(\*) |

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

| 1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) FROM e1 WHERE city LIKE 'T%';

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

| count(\*) |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(\*) AS "FULLNAME"from e1 WHERE city LIKE 'T%';

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

| FULLNAME |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(\*) AS "TORONTO"from e1 WHERE city LIKE 'T%';

+---------+

| TORONTO |

+---------+

| 3 |

+---------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(\*) AS "CUSTOMER WITH TORONTO"from e1 WHERE city LIKE 'T%';

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

| CUSTOMER WITH TORONTO |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(\*) AS "CUSTOMER IN TORONTO"from e1 WHERE city LIKE 'T%';

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

| CUSTOMER IN TORONTO |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(\*) AS "CUSTOMER IN TORONTO"from e1 WHERE city LIKE 'T%';

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

| CUSTOMER IN TORONTO |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select DISTINCT(CITY) FROM e1 ;

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

| CITY |

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

| WDC |

| Toronto |

| New York |

| Brazil |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select DISTINCT(CITY) AS "DISTICT CITY" FROM E1;

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

| DISTICT CITY |

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

| WDC |

| Toronto |

| New York |

| Brazil |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(\*) AS "CUSTOMER IN TORONTO" FROM 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 count(\*) AS "CUSTOMER IN TORONTO"from 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 name FROM 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 count(city) AS "CUSTOMER IN cities" FROM e1;

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

| CUSTOMER IN cities |

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

| 7 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities" FROM e1 group by city;

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

| CUSTOMER IN cities |

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

| 1 |

| 2 |

| 3 |

| 1 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities"city FROM e1 group by city;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'city FROM e1 group by city' at line 1

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities" city FROM e1 group by city;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'city FROM e1 group by city' at line 1

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities",city FROM e1 group by city;

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

| CUSTOMER IN cities | city |

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

| 1 | Brazil |

| 2 | New York |

| 3 | Toronto |

| 1 | WDC |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities",city FROM e1 ;

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

| CUSTOMER IN cities | city |

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

| 7 | WDC |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities",city ;

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

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities",city,name ;

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

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities",city,name FROM e1 ;

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

| CUSTOMER IN cities | city | name |

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

| 7 | WDC | Ashley |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT \*

-> FROM officers

-> WHERE address = 'Lucknow'

-> SELECT count(city) AS "CUSTOMER IN cities",city ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'SELECT count(city) AS "CUSTOMER IN cities",city' at line 4

MariaDB [csd2204w18]> select \*

-> FROM e1 order by name asc;

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

7 rows in set (0.01 sec)

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

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

MariaDB [csd2204w18]> select \* from e1 order by name asc;

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by name dsc;

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 'dsc' at line 1

MariaDB [csd2204w18]> select \* from e1 order by name desc;

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

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

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

7 rows in set (0.02 sec)

MariaDB [csd2204w18]> select \* from e1 order postalcode desc;

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

MariaDB [csd2204w18]> select \* from e1 order by postalcode desc;

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by postalcode asc;

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

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

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by city asc;

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by city asc AND order by postalcode;

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

MariaDB [csd2204w18]> select \* from e1 order by city asc AND postalcode;

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

MariaDB [csd2204w18]> select \* from e1 order by city asc, postalcode asc;

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by city, postalcode asc;

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

7 rows in set (0.01 sec)

MariaDB [csd2204w18]> select \* from e1 order by postalcode,city asc;

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

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

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by postalcode dsc,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 'dsc,city asc' at line 1

MariaDB [csd2204w18]> select \* from e1 order by postalcode desc, city asc;

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by customerID desc, name asc, city desc, postalcode asc;

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer group by city;

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

MariaDB [csd2204w18]> select \* from e1 group by city;

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

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

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

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

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

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

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

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*), from e1 group by city;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from e1 group by city' at line 1

MariaDB [csd2204w18]> select count(\*),city from e1 group by city;

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

| count(\*) | city |

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

| 1 | Brazil |

| 2 | New York |

| 3 | Toronto |

| 1 | WDC |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select count(\*) AS "NUMMBER OF CITIES",city from e1 group by city;

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

| NUMMBER OF CITIES | city |

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

| 1 | Brazil |

| 2 | New York |

| 3 | Toronto |

| 1 | WDC |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT Sum(customerID) AS TOTAL;

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

MariaDB [csd2204w18]> SELECT Sum(customerID) AS "TOT";

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

MariaDB [csd2204w18]> SELECT Sum(customerID) AS "TOT";\

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

MariaDB [csd2204w18]> SELECT SUM(customerID) AS "TOT";

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

MariaDB [csd2204w18]> select \* from e1 GROUP BY city and 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 '%A)' at line 1

MariaDB [csd2204w18]> select \* from e1 GROUP BY city and name LIKE('%A');

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

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

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

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

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

1 row in set, 7 warnings (0.00 sec)

MariaDB [csd2204w18]> SELECT MIN(customerID) AS "TOT" FROM E1;

+------+

| TOT |

+------+

| 1 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT max(customerID) AS "TOT" FROM E1;

+------+

| TOT |

+------+

| 7 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT max(postalcode) AS "TOT" FROM E1;

+--------+

| TOT |

+--------+

| 341020 |

+--------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT min(postalcode) AS "TOT" FROM E1;

+--------+

| TOT |

+--------+

| 100100 |

+--------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT SUM(customerID) AS "TOT" FROM E1;

+------+

| TOT |

+------+

| 28 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT AVG(customerID) AS "TOT" FROM E1;

+--------+

| TOT |

+--------+

| 4.0000 |

+--------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> SELECT count(city) AS "CUSTOMER IN cities" FROM e1 group by city;

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

| CUSTOMER IN cities |

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

| 1 |

| 2 |

| 3 |

| 1 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 LIMIT 3;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customerID(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 id AFTER 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 'AFTER 3' at line 1

MariaDB [csd2204w18]> select \* from e1 order by customerID desc LIMIT3;

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 'LIMIT3' at line 1

MariaDB [csd2204w18]> select \* from e1 order by customerID desc LIMIT 3;

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by customerID desc ;

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 order by customerID desc LIMIT 3, customerID ASC ;

ERROR 1327 (42000): Undeclared variable: customerID

MariaDB [csd2204w18]> select \* from e1 order by customerID desc LIMIT 3, customerID asc ;

ERROR 1327 (42000): Undeclared variable: customerID

MariaDB [csd2204w18]> (select \* from e1 order by customerID desc LIMIT 3) order by customerID asc ;

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> INSERT into e1(customerID,name) VALUES(11,'KESHAV');)

Query OK, 1 row affected (0.07 sec)

-> SELECT \* FROM E1;

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

SELECT \* FROM E1' at line 1

MariaDB [csd2204w18]> SELECT \* FROM e1;

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

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

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

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

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 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 e1 where nickname is not null;

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

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

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

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

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

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

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

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

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

| 7 | Booby Chacko | Chao | Kennedy | New York | 320300 |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from e1 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 ''null'' at line 1

MariaDB [csd2204w18]> select \* from e1 where nickname is ' ';

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 e1 where nickname is 0;

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 '0' at line 1

MariaDB [csd2204w18]>