Setting environment for using XAMPP for Windows.

727833@128-IMAC13 c:\xampp

# mysql -u root -u

mysql: option '-u' requires an argument

727833@128-IMAC13 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 (0.02 sec)

MariaDB [(none)]> show databases;

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

| Database |

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

| customers |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

5 rows in set (0.00 sec)

MariaDB [(none)]> show databases;

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

| Database |

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

| csd2204w18 |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204w18

Database changed

MariaDB [csd2204w18]> create table customers(

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode 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 '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [csd2204w18]> create table customers(

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode 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 '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [csd2204w18]> create table customers(

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode 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 '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [csd2204w18]> create table customers(

-> -> customersID int(2),

-> -> name varchar(20),

-> -> nickname varchar(10),

-> -> address varchar(50),

-> -> city varchar(30),

-> -> postalCode 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 '-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

' at line 2

MariaDB [csd2204w18]> create table customers(

-> customersID int(2),

-> name varchar(20),

-> nickname varchar(10),

-> address varchar(50),

-> city varchar(30),

-> postalCode int(6)

-> );

Query OK, 0 rows affected (0.64 sec)

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

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(1,'Ashley','Ash','32 Washington street','WDC',321' at line 1

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

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(1,'Ashley','Ash','32 Washington street','WDC',32' at line 1

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

Query OK, 1 row affected (0.19 sec)

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

Query OK, 1 row affected (0.09 sec)

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

Query OK, 1 row affected (0.06 sec)

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

Query OK, 1 row affected (0.06 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,'Estom M.','M.','21 York. DV.','Toronto',130120);

Query OK, 1 row affected (0.05 sec)

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

Query OK, 1 row affected (0.05 sec)

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

Query OK, 1 row affected (0.05 sec)

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

Query OK, 1 row affected (0.05 sec)

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

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> mysqldump csd2204w18 > harsh.sql

-> ;

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 'mysqldump csd2204w18 > harsh.sql' at line 1

MariaDB [csd2204w18]>

MariaDB [csd2204w18]> exit

Bye

727833@128-IMAC13 c:\xampp

# mysqldump csd2204w18 > harsh.sql

mysqldump: Got error: 1044: "Access denied for user ''@'localhost' to database 'csd2204w18'" when selecting the database

727833@128-IMAC13 c:\xampp

# sudo mysqldump csd2204w18 > harsh.sql

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

operable program or batch file.

727833@128-IMAC13 c:\xampp

# cd C:\xampp\mysql\bin

727833@128-IMAC13 C:\xampp\mysql\bin

# mysqldump csd2204w18 > harsh.sql

mysqldump: Got error: 1044: "Access denied for user ''@'localhost' to database 'csd2204w18'" when selecting the database

727833@128-IMAC13 C:\xampp\mysql\bin

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

Enter password:

727833@128-IMAC13 C:\xampp\mysql\bin

# mysqldump -u root -p testdb < harsh.sql

Enter password:

-- MySQL dump 10.16 Distrib 10.1.21-MariaDB, for Win32 (AMD64)

--

-- Host: localhost Database: localhost

-- ------------------------------------------------------

-- Server version 10.1.21-MariaDB

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

/\*!40103 SET @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!40103 SET TIME\_ZONE='+00:00' \*/;

/\*!40014 SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0 \*/;

/\*!40014 SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0 \*/;

/\*!40101 SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='NO\_AUTO\_VALUE\_ON\_ZERO' \*/;

/\*!40111 SET @OLD\_SQL\_NOTES=@@SQL\_NOTES, SQL\_NOTES=0 \*/;

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

727833@128-IMAC13 C:\xampp\mysql\bin

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 93

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)]> exit

Bye

727833@128-IMAC13 C:\xampp\mysql\bin

# mysqldump -u root -p csd2204w18 < harsh.sql

Enter password:

-- MySQL dump 10.16 Distrib 10.1.21-MariaDB, for Win32 (AMD64)

--

-- Host: localhost Database: localhost

-- ------------------------------------------------------

-- Server version 10.1.21-MariaDB

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

/\*!40103 SET @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!40103 SET TIME\_ZONE='+00:00' \*/;

/\*!40014 SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0 \*/;

/\*!40014 SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0 \*/;

/\*!40101 SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='NO\_AUTO\_VALUE\_ON\_ZERO' \*/;

/\*!40111 SET @OLD\_SQL\_NOTES=@@SQL\_NOTES, SQL\_NOTES=0 \*/;

--

-- Table structure for table `customers`

--

DROP TABLE IF EXISTS `customers`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `customers` (

`customersID` int(2) DEFAULT NULL,

`name` varchar(20) 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;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `customers`

--

LOCK TABLES `customers` WRITE;

/\*!40000 ALTER TABLE `customers` DISABLE KEYS \*/;

INSERT INTO `customers` VALUES (1,'Ashley','Ash','32 Washington street','WDC',321200),(2,'Bob Marley','Bm','Keele street','Toronto',100100),(3,'Cherlis 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',201023),(6,'Estom M.','M.','21 York. DV.','Toronto',130120),(7,'Bobby Chacko','Chac','Kennedy','New York',320300),(8,'Ashko Charles','AK','Washington D.C.','USA',421044),(9,'Tony Special','Specie','Oakville','GTA',418921),(10,'Jack Sp','Sparrow','Oaster Village','New Jersey',102301);

/\*!40000 ALTER TABLE `customers` ENABLE KEYS \*/;

UNLOCK TABLES;

/\*!40103 SET TIME\_ZONE=@OLD\_TIME\_ZONE \*/;

/\*!40101 SET SQL\_MODE=@OLD\_SQL\_MODE \*/;

/\*!40014 SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS \*/;

/\*!40014 SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS \*/;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

/\*!40111 SET SQL\_NOTES=@OLD\_SQL\_NOTES \*/;

-- Dump completed on 2018-01-11 8:34:09

727833@128-IMAC13 C:\xampp\mysql\bin

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 95

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)]> show tables;

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customers |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> use test;

Database changed

MariaDB [test]> show tables;

Empty set (0.00 sec)

MariaDB [test]> exit

Bye

727833@128-IMAC13 C:\xampp\mysql\bin

# mysqldump -u root -p test < harsh.sql

Enter password:

-- MySQL dump 10.16 Distrib 10.1.21-MariaDB, for Win32 (AMD64)

--

-- Host: localhost Database: localhost

-- ------------------------------------------------------

-- Server version 10.1.21-MariaDB

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

/\*!40103 SET @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!40103 SET TIME\_ZONE='+00:00' \*/;

/\*!40014 SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0 \*/;

/\*!40014 SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0 \*/;

/\*!40101 SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='NO\_AUTO\_VALUE\_ON\_ZERO' \*/;

/\*!40111 SET @OLD\_SQL\_NOTES=@@SQL\_NOTES, SQL\_NOTES=0 \*/;

/\*!40103 SET TIME\_ZONE=@OLD\_TIME\_ZONE \*/;

/\*!40101 SET SQL\_MODE=@OLD\_SQL\_MODE \*/;

/\*!40014 SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS \*/;

/\*!40014 SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS \*/;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

/\*!40111 SET SQL\_NOTES=@OLD\_SQL\_NOTES \*/;

-- Dump completed on 2018-01-11 8:35:02

727833@128-IMAC13 C:\xampp\mysql\bin

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 97

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> use test;

Database changed

MariaDB [test]> show tables;

Empty set (0.00 sec)

MariaDB [test]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> exit

Bye

727833@128-IMAC13 C:\xampp\mysql\bin

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 98

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> select \* from customers;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

2 rows in set (0.00 sec)

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

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

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

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

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

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

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

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

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

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

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where nickname NOT(sparrow);

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

MariaDB [csd2204w18]> select \* from customers where nickname NOT('Bm','sparrow');

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

MariaDB [csd2204w18]> select \* from customers where nickname NOT IN('Bm','Ak','sparrow');

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersID,name,nickname from customers where nickname NOT IN('Bm','Ak','sparrow');

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

| customersID | name | nickname |

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

| 1 | Ashley | Ash |

| 3 | Cherlis Theron | Cher |

| 4 | Denial Jack | DJ |

| 5 | Donna newman | New |

| 6 | Estom M. | M. |

| 7 | Bobby Chacko | Chac |

| 9 | Tony Special | Specie |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersID,name,city from customers where nickname NOT IN('Bm','Ak','sparrow');

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

| customersID | name | city |

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

| 1 | Ashley | WDC |

| 3 | Cherlis Theron | New York |

| 4 | Denial Jack | Brazil |

| 5 | Donna newman | Toronto |

| 6 | Estom M. | Toronto |

| 7 | Bobby Chacko | New York |

| 9 | Tony Special | GTA |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select customersID,name AS "Full Name" from customers where nickname NOT IN('Bm','Ak','sparrow');

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

| customersID | Full Name |

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

| 1 | Ashley |

| 3 | Cherlis Theron |

| 4 | Denial Jack |

| 5 | Donna newman |

| 6 | Estom M. |

| 7 | Bobby Chacko |

| 9 | Tony Special |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

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

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

| COUNT(name) |

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

| 2 |

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

1 row in set (0.00 sec)

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

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

| COUNT(\*) |

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

| 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select COUNT(\*) AS A NAME 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 'NAME from customers where name LIKE 'A%'' at line 1

MariaDB [csd2204w18]> select COUNT(name) AS A NAME 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 'NAME from customers where name LIKE 'A%'' at line 1

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

+------+

| NAME |

+------+

| 2 |

+------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select COUNT(\*) from customers where city='Toronto';

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

| COUNT(\*) |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select COUNT(\*) AS TORONTO CITY from customers where city='Toronto';

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 customers where city='Toronto'' at line 1

MariaDB [csd2204w18]> select COUNT(\*) AS TORONTO\_ CITY from customers where city='Toronto';

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 customers where city='Toronto'' at line 1

MariaDB [csd2204w18]> select COUNT(\*) AS TORONTO from customers where city='Toronto';

+---------+

| TORONTO |

+---------+

| 3 |

+---------+

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select COUNT(\*) AS "TORONTO CUST" from customers where city='Toronto';

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

| TORONTO CUST |

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

| 3 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select DISTINCT(CIty) from customers;

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

| CIty |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

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

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

| CITY |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

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

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

| COUNT(DISTINCT CITY) |

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

| 7 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select count(name) DISTINCT(CIty) from customers;

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 customers' at line 1

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

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 'DISTINCTCIty) from customers' at line 1

MariaDB [csd2204w18]> select name,count(DISTINCT(CIty) from customers;

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' at line 1

MariaDB [csd2204w18]> select name,count(DISTINCT(CIty)) from customers;

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

| name | count(DISTINCT(CIty)) |

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

| Ashley | 7 |

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

1 row in set (0.00 sec)

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

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

| CITY |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT COUNT(\*) AS "NAME",city from customers group by city;

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

| NAME | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

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 D.C. | USA | 421044 |

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

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

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

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

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

10 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 D.C. | USA | 421044 |

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

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

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

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

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

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

10 rows in set (0.00 sec)

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

ERROR 1241 (21000): Operand should contain 1 column(s)

MariaDB [csd2204w18]> select \* from customers order by City,postalcode asc;

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

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

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

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers order by postalcode,City asc;

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

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

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

| 3 | Cherlis 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 |

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

10 rows in set (0.00 sec)

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

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

| count(\*) | city |

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

| 1 | Brazil |

| 1 | GTA |

| 1 | New Jersey |

| 2 | New York |

| 3 | Toronto |

| 1 | USA |

| 1 | WDC |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name='d%' order by city desc;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name LIKE='d%' 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 '='d%' order by city desc' at line 1

MariaDB [csd2204w18]> select \* from customers where name LIKE='D%' group 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 '='D%' group by city desc' at line 1

MariaDB [csd2204w18]> select \* from customers where name LIKE='D%' 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 '='D%' group by city' at line 1

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

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

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

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

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

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

2 rows in set (0.00 sec)

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

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

| min(postalCode) |

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

| 100100 |

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

1 row in set (0.00 sec)

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

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

| max(postalCode) |

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

| 421044 |

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

1 row in set (0.00 sec)

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

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

| sum(postalCode) |

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

| 2476163 |

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

1 row in set (0.00 sec)

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

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

| avg(postalCode) |

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

| 247616.3000 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

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

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

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

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

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from address where city!='Toronto';

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

MariaDB [csd2204w18]> select \* from customers where city!='Toronto';

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

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

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

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

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

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

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

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

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

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

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name!='A%';

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name='A%';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name='A%';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers ;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name NOT LIKE' A%';

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

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

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

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

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name not LIKE'A%';

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

8 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where name not LIKE\_'o%';

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 'LIKE\_'o%'' at line 1

MariaDB [csd2204w18]> select \* from customers where name not LIKE'\_o%';

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

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

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

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

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

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

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT DISTINCT CITY from customers WHERE city not LIkE 'T%';

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

| CITY |

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

| WDC |

| New York |

| Brazil |

| USA |

| GTA |

| New Jersey |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT DISTINCT CITY from customers WHERE city not LIkE '\_T%';

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

| CITY |

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

| WDC |

| Toronto |

| New York |

| Brazil |

| USA |

| New Jersey |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address REGEX '^[0-9]+$';

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 'REGEX '^[0-9]+$'' at line 1

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address REGEPX '^[0-9]+$';

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 'REGEPX '^[0-9]+$'' at line 1

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address REGEPXP '^[0-9]+$';

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 'REGEPXP '^[0-9]+$'' at line 1

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address REGEPXP '^-?[0-9]+$';

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 'REGEPXP '^-?[0-9]+$'' at line 1

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address REGEPXP '^[A-Z]+$';

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 'REGEPXP '^[A-Z]+$'' at line 1

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address LIKE '%A\_Z';

Empty set (0.00 sec)

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address LIKE '%A-Z';

Empty set (0.00 sec)

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address LIKE '%A';

Empty set (0.00 sec)

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address LIKE 'A%';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers where address >='A' and address< 'Z';

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

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

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

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

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

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

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

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

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

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT \* FROM customers WHERE address REGEPX '^[0-9]+$';

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 'REGEPX '^[0-9]+$'' at line 1

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

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

| city | count(city)\*100/10 |

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

| Brazil | 10.0000 |

| GTA | 10.0000 |

| New Jersey | 10.0000 |

| New York | 20.0000 |

| Toronto | 30.0000 |

| USA | 10.0000 |

| WDC | 10.0000 |

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

7 rows in set (0.00 sec)

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

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

| city | Customer Ratio |

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

| Brazil | 10.0000 |

| GTA | 10.0000 |

| New Jersey | 10.0000 |

| New York | 20.0000 |

| Toronto | 30.0000 |

| USA | 10.0000 |

| WDC | 10.0000 |

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

7 rows in set (0.00 sec)

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

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

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

5 rows in set (0.00 sec)

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

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

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

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

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

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 'des' at line 1

MariaDB [csd2204w18]> select \* from customers LIMIT 3 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 'desc' at line 1

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

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

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

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

MariaDB [csd2204w18]> select \* from customers ORDER BY DESC LIMIT 3;

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

MariaDB [csd2204w18]> select \* from customers ORDER BY ID DESC LIMIT 3;

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

MariaDB [csd2204w18]> select \* from customers ORDER BY customersID DESC LIMIT 3;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers ORDER BY ID asc LIMIT 3;

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

MariaDB [csd2204w18]> select \* from customers ORDER BY ID DESC LIMIT 3;

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

MariaDB [csd2204w18]> select \* from customers ORDER BY DESC LIMIT 3;

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

MariaDB [csd2204w18]> select \* from customers ORDER BY customersID DESC LIMIT 3;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from (

-> select \* from your\_table order by id desc limit 20

-> select \* from your\_table order by id desc limit 2;

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 your\_table order by id desc limit 2' at line 3

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 D.C. | USA | 421044 |

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from (select \* from customers ORDER BY customersID DESC LIMIT 3) order by customersID asc;

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

MariaDB [csd2204w18]> select \* from (select \* from customers ORDER BY customersID DESC LIMIT 3) cust order by customersID asc;

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

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

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

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

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

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

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

3 rows in set (0.00 sec)

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

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> select \* from customers;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

| 11 | Harsh | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers WHERE nickname='';

Empty 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';

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 customers WHERE nickname IS NULL;

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

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

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

| 11 | Harsh | NULL | NULL | NULL | NULL |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customers WHERE nickname IS NOT NULL;

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

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

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

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

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

| 3 | Cherlis 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 | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

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

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

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

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

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> Bye

727833@128-IMAC13 C:\xampp\mysql\bin

#