Setting environment for using XAMPP for Windows.

648318@128-IMAC34 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)]> create database csd2204w18;

Query OK, 1 row affected (0.02 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]> show tables;

Empty set (0.00 sec)

MariaDB [csd2204w18]> create table customer(

-> C\_ID int(2),

-> name varchar(40),

-> nickname varchar(10)

-> address varchar(50),

-> city varchar(30),

-> pincode 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 'varchar(50),

city varchar(30),

pincode int(6)

)' at line 5

MariaDB [csd2204w18]> create table customer(

-> C\_ID int(2),

-> name varchar(40),

-> nickname varchar(40),

-> address varchar(50),

-> city varchar(30),

-> pincode int(6)

-> );

Query OK, 0 rows affected (0.34 sec)

MariaDB [csd2204w18]> desc customer;

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

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

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

| C\_ID | int(2) | YES | | NULL | |

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

| nickname | varchar(40) | YES | | NULL | |

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

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

| pincode | int(6) | YES | | NULL | |

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

6 rows in set (0.01 sec)

MariaDB [csd2204w18]> show create table customer;

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

| Table | Create Table |

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

| customer | CREATE TABLE `customer` (

`C\_ID` int(2) DEFAULT NULL,

`name` varchar(40) DEFAULT NULL,

`nickname` varchar(40) DEFAULT NULL,

`address` varchar(50) DEFAULT NULL,

`city` varchar(30) DEFAULT NULL,

`pincode` int(6) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customer values(01,'aman','singh','downtown','toronto',123456);

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> select \* from customer;

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

| C\_ID | name | nickname | address | city | pincode |

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

| 1 | aman | singh | downtown | toronto | 123456 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into customer values(02,'amandeep','singh','downtown','brampton',456876);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(03,'deep','kumar','25 downtown','gta',458886);

Query OK, 1 row affected (0.04 sec)

MariaDB [csd2204w18]> insert into customer values(04,'pradeep','verma','20 richmond hill','new york',558876);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(05,'prameet','verma','24 rich mountain hill','new york',558076);

Query OK, 1 row affected (0.35 sec)

MariaDB [csd2204w18]> insert into customer values(06,'ameet','sharma','14 mountain ash','brampton',554076);

Query OK, 1 row affected (0.04 sec)

MariaDB [csd2204w18]> insert into customer values(07,'gurpreet','singh','28 mountain ash','brampton',554076);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(08,'gur','singh','28 bramstreet','brampton',512076);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> insert into customer values(09,'gur','deep','28 bramstreet','brampton',512076);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> insert into customer values(10,'gurmer','singh','18 queenstreet','toronto',525076);

Query OK, 1 row affected (0.10 sec)

MariaDB [csd2204w18]> select \* from customer;

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

| C\_ID | name | nickname | address | city | pincode |

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

| 1 | aman | singh | downtown | toronto | 123456 |

| 2 | amandeep | singh | downtown | brampton | 456876 |

| 3 | deep | kumar | 25 downtown | gta | 458886 |

| 4 | pradeep | verma | 20 richmond hill | new york | 558876 |

| 5 | prameet | verma | 24 rich mountain hill | new york | 558076 |

| 6 | ameet | sharma | 14 mountain ash | brampton | 554076 |

| 7 | gurpreet | singh | 28 mountain ash | brampton | 554076 |

| 8 | gur | singh | 28 bramstreet | brampton | 512076 |

| 9 | gur | deep | 28 bramstreet | brampton | 512076 |

| 10 | gurmer | singh | 18 queenstreet | toronto | 525076 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> UPDATE Customers

-> SET ContactName = 'Alfred Schmidt', City= 'Frankfurt'

->

->

->

->

->

->

->

-> ;

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

MariaDB [csd2204w18]> select \* from customer

-> where city='brampton';

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

| C\_ID | name | nickname | address | city | pincode |

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

| 2 | amandeep | singh | downtown | brampton | 456876 |

| 6 | ameet | sharma | 14 mountain ash | brampton | 554076 |

| 7 | gurpreet | singh | 28 mountain ash | brampton | 554076 |

| 8 | gur | singh | 28 bramstreet | brampton | 512076 |

| 9 | gur | deep | 28 bramstreet | brampton | 512076 |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer WHERE name='deep';

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

| C\_ID | name | nickname | address | city | pincode |

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

| 3 | deep | kumar | 25 downtown | gta | 458886 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer WHERE city='gta' || city='new york';

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

| C\_ID | name | nickname | address | city | pincode |

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

| 3 | deep | kumar | 25 downtown | gta | 458886 |

| 4 | pradeep | verma | 20 richmond hill | new york | 558876 |

| 5 | prameet | verma | 24 rich mountain hill | new york | 558076 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer WHERE name='deep' && nickname='kumar';

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

| C\_ID | name | nickname | address | city | pincode |

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

| 3 | deep | kumar | 25 downtown | gta | 458886 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer WHERE C\_ID='4' && C\_ID='6';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer WHERE C\_ID=4 && C\_ID=6;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer WHERE C\_ID=4 || C\_ID=6;

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

| C\_ID | name | nickname | address | city | pincode |

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

| 4 | pradeep | verma | 20 richmond hill | new york | 558876 |

| 6 | ameet | sharma | 14 mountain ash | brampton | 554076 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where C\_ID between 2 and 7;

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

| C\_ID | name | nickname | address | city | pincode |

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

| 2 | amandeep | singh | downtown | brampton | 456876 |

| 3 | deep | kumar | 25 downtown | gta | 458886 |

| 4 | pradeep | verma | 20 richmond hill | new york | 558876 |

| 5 | prameet | verma | 24 rich mountain hill | new york | 558076 |

| 6 | ameet | sharma | 14 mountain ash | brampton | 554076 |

| 7 | gurpreet | singh | 28 mountain ash | brampton | 554076 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where C\_ID between 2 or 7;

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

MariaDB [csd2204w18]> select \* from customer where C\_ID between 7 and 2;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer;

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

| C\_ID | name | nickname | address | city | pincode |

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

| 1 | aman | singh | downtown | toronto | 123456 |

| 2 | amandeep | singh | downtown | brampton | 456876 |

| 3 | deep | kumar | 25 downtown | gta | 458886 |

| 4 | pradeep | verma | 20 richmond hill | new york | 558876 |

| 5 | prameet | verma | 24 rich mountain hill | new york | 558076 |

| 6 | ameet | sharma | 14 mountain ash | brampton | 554076 |

| 7 | gurpreet | singh | 28 mountain ash | brampton | 554076 |

| 8 | gur | singh | 28 bramstreet | brampton | 512076 |

| 9 | gur | deep | 28 bramstreet | brampton | 512076 |

| 10 | gurmer | singh | 18 queenstreet | toronto | 525076 |

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

10 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where nickname between 'kumar' and 'deep';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where nickname between 'singh' and 'deep';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where nickname between 'singh' and 'verma';

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

| C\_ID | name | nickname | address | city | pincode |

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

| 1 | aman | singh | downtown | toronto | 123456 |

| 2 | amandeep | singh | downtown | brampton | 456876 |

| 4 | pradeep | verma | 20 richmond hill | new york | 558876 |

| 5 | prameet | verma | 24 rich mountain hill | new york | 558076 |

| 7 | gurpreet | singh | 28 mountain ash | brampton | 554076 |

| 8 | gur | singh | 28 bramstreet | brampton | 512076 |

| 10 | gurmer | singh | 18 queenstreet | toronto | 525076 |

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

7 rows in set (0.00 sec)

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

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

| C\_ID | name | nickname | address | city | pincode |

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

| 3 | deep | kumar | 25 downtown | gta | 458886 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where city LIKE 'N%';

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

| C\_ID | name | nickname | address | city | pincode |

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

| 4 | pradeep | verma | 20 richmond hill | new york | 558876 |

| 5 | prameet | verma | 24 rich mountain hill | new york | 558076 |

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

2 rows in set (0.00 sec)

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

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

| C\_ID | name | nickname | address | city | pincode |

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

| 1 | aman | singh | downtown | toronto | 123456 |

| 2 | amandeep | singh | downtown | brampton | 456876 |

| 6 | ameet | sharma | 14 mountain ash | brampton | 554076 |

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

3 rows in set (0.00 sec)

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

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

| C\_ID | name | nickname | address | city | pincode |

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

| 6 | ameet | sharma | 14 mountain ash | brampton | 554076 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where name LIKE '\_ME%' and city='toronto';

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where name LIKE '\_ME%' and city='brampton';

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

| C\_ID | name | nickname | address | city | pincode |

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

| 6 | ameet | sharma | 14 mountain ash | brampton | 554076 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from customer where C\_ID IN (2,4,7,9);

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

| C\_ID | name | nickname | address | city | pincode |

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

| 2 | amandeep | singh | downtown | brampton | 456876 |

| 4 | pradeep | verma | 20 richmond hill | new york | 558876 |

| 7 | gurpreet | singh | 28 mountain ash | brampton | 554076 |

| 9 | gur | deep | 28 bramstreet | brampton | 512076 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> select address from customer where C\_ID IN (2,4,7,9);

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

| address |

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

| downtown |

| 20 richmond hill |

| 28 mountain ash |

| 28 bramstreet |

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

4 rows in set (0.00 sec)