Setting environment for using XAMPP for Windows.

713483@203-IMAC24 c:\xampp

# mysql

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 database;

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 'database' at line 1

MariaDB [(none)]> show database;

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 'database' at line 1

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| test |

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

2 rows in set (0.00 sec)

MariaDB [(none)]> create database mytestdb;

ERROR 1044 (42000): Access denied for user ''@'localhost' to database 'mytestdb'

MariaDB [(none)]> mysql u root;

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 'mysql u root' at line 1

MariaDB [(none)]> mysql-u root -p

-> my sql-u root -p

-> ;

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 'mysql-u root -p

my sql-u root -p' at line 1

MariaDB [(none)]> exiyt

-> exit

-> ;

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 'exiyt

exit' at line 1

MariaDB [(none)]> exit

Bye

713483@203-IMAC24 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 3

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> create database mytestdb;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| mytestdb |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> use mytestdb;

Database changed

MariaDB [mytestdb]> SHOW TABLES;

Empty set (0.00 sec)

MariaDB [mytestdb]> CREATE TABLE Student;

ERROR 1113 (42000): A table must have at least 1 column

MariaDB [mytestdb]> CREATE TABLE Student(Sid int(5),Snm varchar(25),Gender varchar(10),age int(3));

Query OK, 0 rows affected (0.25 sec)

MariaDB [mytestdb]> CREATE TABLE T(USE INT(1));

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

MariaDB [mytestdb]> CREATE TABLE T(`USE` INT(1));

Query OK, 0 rows affected (0.30 sec)

MariaDB [mytestdb]> CREATE TABLE STUDENT

->

-> sid int(5),

-> snm varchar(25),

-> gender varchar(10),

-> age int(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 'int(5),

snm varchar(25),

gender varchar(10),

age int(3)' at line 3

MariaDB [mytestdb]> CREATE TABLE STUDENT

-> ->

-> -> sid int(5),

-> -> snm varchar(25),

-> -> gender varchar(10),

-> -> gender varchar(10),

-> ;

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

-> sid int(5),

-> snm varchar(25),

-> gender varchar(10),

-> ' at line 2

MariaDB [mytestdb]> CREATE TABLE STUDENT(

-> sid int(5),

-> -> snm varchar(25),

-> -> gender varchar(10),

-> -> age int(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 '-> snm varchar(25),

-> gender varchar(10),

-> age int(3))' at line 3

MariaDB [mytestdb]> INSERT Student values (1,'abc','male','100');

Query OK, 1 row affected (0.03 sec)

MariaDB [mytestdb]> SELECT \* FROM student;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

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

1 row in set (0.00 sec)

MariaDB [mytestdb]> INSERT INTO Student VALUES(2,'DEF,,'MALE','25');

'> ;

'> INSERT INTO Student VALUES(2,'DEF,'MALE','25');

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 'MALE','25');

;

INSERT INTO Student VALUES(2,'DEF,'MALE','25')' at line 1

MariaDB [mytestdb]> INSERT INTO Student VALUES(2,'DEF','MALE','25');

Query OK, 1 row affected (0.06 sec)

MariaDB [mytestdb]> SELECT \* FROM Student;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

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

2 rows in set (0.00 sec)

MariaDB [mytestdb]> INSERT INTO Student (Sid,Snm,Gender,Age) values (4,'Karishma','Female',"65");

Query OK, 1 row affected (0.03 sec)

MariaDB [mytestdb]> SELECT \* FROM Student;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

| 4 | Karishma | Female | 65 |

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

3 rows in set (0.00 sec)

MariaDB [mytestdb]> INSERT Student (Sid,Snm,Gender,Age) values (4,'Karishma','Female',"65");

Query OK, 1 row affected (0.03 sec)

MariaDB [mytestdb]> SELECT \* FROM Student;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

| 4 | Karishma | Female | 65 |

| 4 | Karishma | Female | 65 |

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

4 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM student;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

| 4 | Karishma | Female | 65 |

| 4 | Karishma | Female | 65 |

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

4 rows in set (0.00 sec)

MariaDB [mytestdb]> INSERT Student (Sid,Snm,Gender,Age) values (5,'sushmita','Female',"60");

Query OK, 1 row affected (0.06 sec)

MariaDB [mytestdb]> SELECT \* FROM student;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

| 4 | Karishma | Female | 65 |

| 4 | Karishma | Female | 65 |

| 5 | sushmita | Female | 60 |

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

5 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT Sid,snm FROM STUDENT;

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

| Sid | snm |

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

| 1 | abc |

| 2 | DEF |

| 4 | Karishma |

| 4 | Karishma |

| 5 | sushmita |

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

5 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT 8 FROM STUDENT WHERE SID=1;

+---+

| 8 |

+---+

| 8 |

+---+

1 row in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID=1;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

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

1 row in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID>4;

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

| Sid | Snm | Gender | age |

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

| 5 | sushmita | Female | 60 |

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

1 row in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID!=4;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

| 5 | sushmita | Female | 60 |

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

3 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID<>4;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

| 5 | sushmita | Female | 60 |

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

3 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID=='MALE';

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 '='MALE'' at line 1

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID=='male';

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 '='male'' at line 1

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE gender=='male';

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 '='male'' at line 1

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE gender='male';

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

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

2 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE gender='MALE';

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

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

2 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE gender=='MALE';

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 '='MALE'' at line 1

MariaDB [mytestdb]> SELECT \* FROM STUDENT LIMIT 2;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

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

2 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE gender='MALE' AND SID=2;

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

| Sid | Snm | Gender | age |

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

| 2 | DEF | MALE | 25 |

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

1 row in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE gender='MALE' OR SID=2;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

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

2 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID='1' OR SID=2;

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

| Sid | Snm | Gender | age |

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

| 1 | abc | male | 100 |

| 2 | DEF | MALE | 25 |

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

2 rows in set (0.00 sec)

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID='1' NOT SID=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 'SID=2' at line 1

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID=1 NOT SID=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 'SID=2' at line 1

MariaDB [mytestdb]> SELECT \* FROM STUDENT WHERE SID=1 NOT GENDER='MALE';

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 'GENDER='MALE'' at line 1

MariaDB [mytestdb]> DESC Student;

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

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

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

| Sid | int(5) | YES | | NULL | |

| Snm | varchar(25) | YES | | NULL | |

| Gender | varchar(10) | YES | | NULL | |

| age | int(3) | YES | | NULL | |

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

4 rows in set (0.00 sec)

MariaDB [mytestdb]>