Setting environment for using XAMPP for Windows.

716012@203-IMAC14 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)]> 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 |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

5 rows in set (0.01 sec)

MariaDB [(none)]> create database myTestDb

-> create database myTestDb;

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 'create database myTestDb' at line 2

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 database myTestDb

ERROR 1049 (42000): Unknown database 'database'

MariaDB [(none)]> use myTestDb

Database changed

MariaDB [myTestDb]> show tables;

Empty set (0.00 sec)

MariaDB [myTestDb]>

MariaDB [myTestDb]> create Table Student (

-> );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ')' at line 2

MariaDB [myTestDb]> create Table Student ( SId int, SName varchar(25), Gender varchar(10), Age int(3) );

Query OK, 0 rows affected (0.57 sec)

MariaDB [myTestDb]> Show tables

-> Show tables;

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 'Show tables' at line 2

MariaDB [myTestDb]> Show tables;

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

| Tables\_in\_mytestdb |

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

| student |

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

1 row in set (0.01 sec)

MariaDB [myTestDb]> create Table T (use int(5) );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'use int(5) )' at line 1

MariaDB [myTestDb]> create Table T ([use] int(5) );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '[use] int(5) )' at line 1

MariaDB [myTestDb]> create Table T ('use' int(5) );

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ''use' int(5) )' at line 1

MariaDB [myTestDb]> create Table T (`use` int(5) );

Query OK, 0 rows affected (0.23 sec)

MariaDB [myTestDb]> desc t;

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

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

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

| use | int(5) | YES | | NULL | |

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

1 row in set (0.00 sec)

MariaDB [myTestDb]> insert into Student (sid,Sname,gender,Age) values (1,'Abdeali,'Male',25);

'> insert into Student (sid,Sname,gender,Age) values (1,'Abdeali','Male',25);

'> insert into Student values (1,'Abdeali','Male',25);

'> ;

'> exit

'> ^XBye

716012@203-IMAC14 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 4

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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

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

MariaDB [(none)]> use mytesdb

ERROR 1049 (42000): Unknown database 'mytesdb'

MariaDB [(none)]> use myTestDb;

Database changed

MariaDB [myTestDb]> insert into Student values (1,'Abdeali','Male',25);

Query OK, 1 row affected (0.06 sec)

MariaDB [myTestDb]> select \* from Student;

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

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

1 row in set (0.00 sec)

MariaDB [myTestDb]> insert into Student values (2,'Vipul','Male',45);

Query OK, 1 row affected (0.06 sec)

MariaDB [myTestDb]> insert into Student (SId,SName,Gender,Age) values (3,'Sakina','Female',23);

Query OK, 1 row affected (0.05 sec)

MariaDB [myTestDb]> insert into Student (SId,SName,Gender,Age) values (4,'Sarah','Female',12);

Query OK, 1 row affected (0.05 sec)

MariaDB [myTestDb]> insert into Student (SId,SName,Gender,Age) values (5,'Mike','Male',30);

Query OK, 1 row affected (0.05 sec)

MariaDB [myTestDb]> select \* from Student;

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

| 2 | Vipul | Male | 45 |

| 3 | Sakina | Female | 23 |

| 4 | Sarah | Female | 12 |

| 5 | Mike | Male | 30 |

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

5 rows in set (0.00 sec)

MariaDB [myTestDb]> SELECT \* FROM Student where SId > 2

-> SELECT \* FROM Student where 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 'SELECT \* FROM Student where SId > 2' at line 2

MariaDB [myTestDb]> SELECT \* FROM Student where SId > 2;

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

| SId | SName | Gender | Age |

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

| 3 | Sakina | Female | 23 |

| 4 | Sarah | Female | 12 |

| 5 | Mike | Male | 30 |

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

3 rows in set (0.00 sec)

MariaDB [myTestDb]> SELECT ROWNumber(),\* FROM Student where 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 '\* FROM Student where SId > 2' at line 1

MariaDB [myTestDb]> SELECT ROW\_Number(),\* FROM Student where 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 '\* FROM Student where SId > 2' at line 1

MariaDB [myTestDb]> SELECT \* FROM Student where SId limit 2;

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

| 2 | Vipul | Male | 45 |

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

2 rows in set (0.00 sec)

MariaDB [myTestDb]> SELECT top(2) \* FROM Student where SId 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 'FROM Student where SId limit 2' at line 1

MariaDB [myTestDb]> SELECT top \* FROM Student where SId 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 'FROM Student where SId limit 2' at line 1

MariaDB [myTestDb]> SELECT \* FROM Student where SId limit 2 ;

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

| 2 | Vipul | Male | 45 |

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

2 rows in set (0.00 sec)

MariaDB [myTestDb]> DESCRIBE Student ;

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

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

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

| SId | int(11) | YES | | NULL | |

| SName | varchar(25) | YES | | NULL | |

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

| Age | int(3) | YES | | NULL | |

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

4 rows in set (0.00 sec)

MariaDB [myTestDb]> Select \* from Student like 'ab%';

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 'ab%'' at line 1

MariaDB [myTestDb]> Select \* from Student where SName like 'ab%';

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

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

1 row in set (0.00 sec)

MariaDB [myTestDb]> Select \* from Student where SName like '%a%';

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

| 3 | Sakina | Female | 23 |

| 4 | Sarah | Female | 12 |

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

3 rows in set (0.00 sec)

MariaDB [myTestDb]> Select \* from Student where SName like '%ali';

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

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

1 row in set (0.00 sec)

MariaDB [myTestDb]> Select \* from Student where SName like '%\_b';

Empty set (0.00 sec)

MariaDB [myTestDb]> Select \* from Student where SName like '\_b%';

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

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

1 row in set (0.00 sec)

MariaDB [myTestDb]> Select \* from Student where SName like '\_b%' or '\_a%';

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

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

1 row in set, 4 warnings (0.00 sec)

MariaDB [myTestDb]> Select \* from Student where SName like '\_b%' or SNm like '\_a%';

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

MariaDB [myTestDb]> Select \* from Student where SName like '\_b%' or SName like '\_a%';

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

| 3 | Sakina | Female | 23 |

| 4 | Sarah | Female | 12 |

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

3 rows in set (0.01 sec)

MariaDB [myTestDb]> Select \* from Student where Age Between 12 and 25;

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

| 3 | Sakina | Female | 23 |

| 4 | Sarah | Female | 12 |

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

3 rows in set (0.00 sec)

MariaDB [myTestDb]> Select \* from Student where Age IN 12 and 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 '12 and 25' at line 1

MariaDB [myTestDb]> Select \* from Student where Age Between 12 and 25;

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

| 3 | Sakina | Female | 23 |

| 4 | Sarah | Female | 12 |

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

3 rows in set (0.00 sec)

MariaDB [myTestDb]> Select \* from Student where Age IN (12,25);

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

| SId | SName | Gender | Age |

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

| 1 | Abdeali | Male | 25 |

| 4 | Sarah | Female | 12 |

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

2 rows in set (0.00 sec)

MariaDB [myTestDb]> Alter Table Student

-> Add Marks int(5);

Query OK, 0 rows affected (0.41 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [myTestDb]> Select \* from Student

-> ;

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

| SId | SName | Gender | Age | Marks |

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

| 1 | Abdeali | Male | 25 | NULL |

| 2 | Vipul | Male | 45 | NULL |

| 3 | Sakina | Female | 23 | NULL |

| 4 | Sarah | Female | 12 | NULL |

| 5 | Mike | Male | 30 | NULL |

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

5 rows in set (0.00 sec)

MariaDB [myTestDb]> Alter Table Student

-> Add City varchar(255) AFTER gender;

Query OK, 0 rows affected (0.38 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [myTestDb]> Select SId as 'StudentId' from Student ;

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

| StudentId |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

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

5 rows in set (0.00 sec)

MariaDB [myTestDb]>