Setting environment for using XAMPP for Windows.

730444@128-IMAC04 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

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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)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> create table CityMaster(

-> CityID integer(4) primary key,

-> cityName varchar(255) default 'toronto'

-> );

Query OK, 0 rows affected (0.45 sec)

MariaDB [csd2204w18]> create table persons(

-> ID integer(3),

-> LastName Varchar(255) NOT NULL,

-> FirstName Varchar(255),

-> Age integer(3),

-> CityID integer(4),

-> constraint navu UNIQUE(ID,Lastname)

-> );

Query OK, 0 rows affected (0.92 sec)

MariaDB [csd2204w18]> desc c1;

ERROR 1146 (42S02): Table 'csd2204w18.c1' doesn't exist

MariaDB [csd2204w18]> create table c2 as select \* from c1;

ERROR 1146 (42S02): Table 'csd2204w18.c1' doesn't exist

MariaDB [csd2204w18]> desc persons;

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

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

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

| ID | int(3) | YES | MUL | NULL | |

| LastName | varchar(255) | NO | | NULL | |

| FirstName | varchar(255) | YES | | NULL | |

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

| CityID | int(4) | YES | | NULL | |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> create table j2 AS select \* from Persons;

Query OK, 0 rows affected (0.39 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc persons;

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

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

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

| ID | int(3) | YES | MUL | NULL | |

| LastName | varchar(255) | NO | | NULL | |

| FirstName | varchar(255) | YES | | NULL | |

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

| CityID | int(4) | YES | | NULL | |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> create table j3 LIKE persons;

Query OK, 0 rows affected (0.53 sec)

MariaDB [csd2204w18]> insert into j3 select \* from persons;

Query OK, 0 rows affected (0.00 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> show index from persons;

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

| Table | Non\_unique | Key\_name | Seq\_in\_index | Column\_name | Collation | Cardinality | Sub\_part | Packed | Null | Index\_type | Comment | Index\_comment |

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

| persons | 0 | navu | 1 | ID | A | 0 | NULL | NULL | YES | BTREE | | |

| persons | 0 | navu | 2 | LastName | A | 0 | NULL | NULL | | BTREE | | |

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

2 rows in set (0.01 sec)

MariaDB [csd2204w18]> INSERT into citymaster values('1','toronto');

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> INSERT into citymaster values('2','newyork');

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> alter table <citymaster> add <city varchar(100)>;

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 '<citymaster> add <city varchar(100)>' at line 1

MariaDB [csd2204w18]> ALTER table <citymaster> add city varchar(100);

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 '<citymaster> add city varchar(100)' at line 1

MariaDB [csd2204w18]> desc citymaster;

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

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

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

| CityID | int(4) | NO | PRI | NULL | |

| cityName | varchar(255) | YES | | toronto | |

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

2 rows in set (0.02 sec)

MariaDB [csd2204w18]> alter table citymaster add column country varchar(100);

Query OK, 0 rows affected (0.55 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citymaster;

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

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

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

| CityID | int(4) | NO | PRI | NULL | |

| cityName | varchar(255) | YES | | toronto | |

| country | varchar(100) | YES | | NULL | |

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

3 rows in set (0.01 sec)

MariaDB [csd2204w18]> alter table citymaster drop coloumn country;

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 'country' at line 1

MariaDB [csd2204w18]> alter table <citymaster> drop coloumn country varchar(100);

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 '<citymaster> drop coloumn country varchar(100)' at line 1

MariaDB [csd2204w18]> alter table citymaster drop coloumn country varchar(100);

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 'country varchar(100)' at line 1

MariaDB [csd2204w18]> alter table citymaster drop country;

Query OK, 0 rows affected (0.64 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> select \* from citymaster;

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

| CityID | cityName |

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

| 1 | toronto |

| 2 | newyork |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> create table j4 AS select \* from citymaster;

Query OK, 2 rows affected (0.41 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> 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 '' at line 1

MariaDB [csd2204w18]> desc j4;

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

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

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

| CityID | int(4) | NO | | NULL | |

| cityName | varchar(255) | YES | | toronto | |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> alter table j4 add primary key (cityID);

Query OK, 0 rows affected (1.19 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> alter table j4 add constraint unique(cityname);

Query OK, 0 rows affected (0.19 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> alter table j4 modify cityID varchar(40);

Query OK, 2 rows affected (2.28 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> alter table j4 drop index cityID;

ERROR 1091 (42000): Can't DROP 'cityID'; check that column/key exists

MariaDB [csd2204w18]> alter table j4 drop cityID;

Query OK, 2 rows affected (2.18 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc j4;

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

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

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

| cityName | varchar(255) | YES | UNI | toronto | |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> alter table j4 drop primary key;

ERROR 1091 (42000): Can't DROP 'PRIMARY'; check that column/key exists

MariaDB [csd2204w18]> UPDATE citymaster SET cityname=london;

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

MariaDB [csd2204w18]> delete from citymaster WHERE cityID=2;

Query OK, 1 row affected (0.21 sec)

MariaDB [csd2204w18]> desc citymaster;

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

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

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

| CityID | int(4) | NO | PRI | NULL | |

| cityName | varchar(255) | YES | | toronto | |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> delete from j4;

Query OK, 2 rows affected (0.06 sec)

MariaDB [csd2204w18]> drop table citymaster;

Query OK, 0 rows affected (0.17 sec)

MariaDB [csd2204w18]> desc citymaster;

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

MariaDB [csd2204w18]> select \* from j4;

Empty set (0.00 sec)

MariaDB [csd2204w18]> exit

Bye

730444@128-IMAC04 c:\xampp

# mysql -p -u root csd2204w18

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

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

MariaDB [csd2204w18]>