Setting environment for using XAMPP for Windows.

DELL@DESKTOP-OJ6O3CM c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 6

Server version: 10.1.28-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)]> create database csd2204w18;

ERROR 1007 (HY000): Can't create database 'csd2204w18'; database exists

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c2 |

| customers |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> create table CityMaster(

-> CityID integer(4) primary key,

-> CityName varchar(255) default 'toronto'

-> );

Query OK, 0 rows affected (0.21 sec)

MariaDB [csd2204w18]> create table persons(

-> ID integer(3) NOT NULL,

-> lastName varchar(255) NOT NULL,

-> FirstName varchar(255) NOT NULL,

-> age integer(3),

-> CONSTRAINT harry UNIQUE(ID,LastName)

-> );

Query OK, 0 rows affected (0.15 sec)

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

Query OK, 10 rows affected (0.30 sec)

Records: 10 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc c1;

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

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

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

| c2ID | int(2) | YES | | NULL | |

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

| nickname | varchar(20) | YES | | NULL | |

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

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

| postalCode | int(6) | YES | | NULL | |

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

6 rows in set (0.01 sec)

MariaDB [csd2204w18]> create table j2 AS harry;

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 'harry' at line 1

MariaDB [csd2204w18]> create table j2 AS persons;

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 'persons' at line 1

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

Query OK, 0 rows affected (0.15 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc persons;

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

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

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

| ID | int(3) | NO | PRI | NULL | |

| lastName | varchar(255) | NO | PRI | NULL | |

| FirstName | varchar(255) | NO | | NULL | |

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

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> create table j3 LIKE persons;

Query OK, 0 rows affected (0.16 sec)

MariaDB [csd2204w18]> INSERT

->

-> Insert into j3 select \* from persons;

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 j3 select \* from persons' at line 3

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 table persons;

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 'table persons' at line 1

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 | harry | 1 | ID | A | 0 | NULL | NULL | | BTREE | | |

| persons | 0 | harry | 2 | lastName | A | 0 | NULL | NULL | | BTREE | | |

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

2 rows in set (0.00 sec)

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

Query OK, 1 row affected (0.35 sec)

MariaDB [csd2204w18]> Insert into CityMaster values('2','new york');

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18]> ALTER table <CityMaster> add city <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 <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 (0.01 sec)

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

Query OK, 0 rows affected (0.27 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 column <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]> drop column <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 'column <country>' at line 1

MariaDB [csd2204w18]> alter table CityMaster drop column<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 column country;

Query OK, 0 rows affected (0.28 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> select \* from CityMaster;

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

| CityID | CityName |

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

| 1 | toronto |

| 2 | new york |

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

2 rows in set (0.00 sec)

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

Query OK, 2 rows affected (0.17 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc j4;

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

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

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

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

| CityName | varchar(255) | YES | | toronto | |

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

2 rows in set (0.35 sec)

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

Query OK, 0 rows affected (0.36 sec)

Records: 0 Duplicates: 0 Warnings: 0

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

ERROR 1072 (42000): Key column 'country' doesn't exist in table

MariaDB [csd2204w18]> alter table j4 add constarint unique(CityName);

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 'unique(CityName)' at line 1

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

Query OK, 0 rows affected (0.15 sec)

Records: 0 Duplicates: 0 Warnings: 0

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

ERROR 1054 (42S22): Unknown column 'name' in 'j4'

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

Query OK, 2 rows affected (0.53 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 (0.52 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> describe j4;

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

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

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

| CityName | varchar(40) | YES | UNI | NULL | |

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

1 row in set (0.01 sec)

MariaDB [csd2204w18]> alter table j4 add column CityID int (9);

Query OK, 0 rows affected (0.39 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc j4;

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

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

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

| CityName | varchar(40) | YES | UNI | NULL | |

| CityID | int(9) | YES | | NULL | |

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

2 rows in set (0.00 sec)

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

ERROR 1062 (23000): Duplicate entry '0' for key 'PRIMARY'

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

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

-> desc j4;

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 'o=

desc j4' at line 1

MariaDB [csd2204w18]> UPDATE CityMaster SET Cityname=london;

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

MariaDB [csd2204w18]> UPDATE CityMaster SET CityName=new york;

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 'york' at line 1

MariaDB [csd2204w18]> delete from CityMaster where CityID=2;

Query OK, 1 row affected (0.08 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 (0.31 sec)

MariaDB [csd2204w18]> delete from j1;

ERROR 1146 (42S02): Table 'csd2204w18.j1' doesn't exist

MariaDB [csd2204w18]> delete from j4;

Query OK, 2 rows affected (0.09 sec)

MariaDB [csd2204w18]> drop table CityMaster;

Query OK, 0 rows affected (0.15 sec)

MariaDB [csd2204w18]>