Setting environment for using XAMPP for Windows.

727833@128-IMAC13 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 10

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 (0.00 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]> select \* from customers;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 2 | Bob Marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlis Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Denial Jack | DJ | Spartan Building East | Brazil | 341020 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Washington D.C. | USA | 421044 |

| 9 | Tony Special | Specie | Oakville | GTA | 418921 |

| 10 | Jack Sp | Sparrow | Oaster Village | New Jersey | 102301 |

| 11 | Harsh | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| customers |

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

1 row 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 (0.52 sec)

MariaDB [csd2204w18]> create table persons(

-> ID integer(3),

-> LastName varchar(255) NOT NULL,

-> FirstName varchar(255),

-> Age integer(3),

-> CityID integer(4),

-> constraint pk\_persons primary key (ID),

-> constraint ck\_persons check (age>=18),

-> constraint fk\_persons foreign patel (CityID) references CityMaster (CityID)

-> );

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 'patel (CityID) references CityMaster (CityID)

)' at line 9

MariaDB [csd2204w18]> create table persons(

-> ID integer(3),

-> LastName varchar(255) NOT NULL,

-> FirstName varchar(255),

-> Age integer(3),

-> CityID integer(4),

-> constraint pk\_persons primary key (ID),

-> constraint ck\_persons check (age>=18),

-> constraint fk\_persons foreign key (CityID) references CityMaster (CityID)

-> );

Query OK, 0 rows affected (0.38 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| citymaster |

| customers |

| persons |

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

3 rows in set (0.00 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]> desc persons;

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

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

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

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

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

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

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

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

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> show index from citymaster;

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

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

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

| citymaster | 0 | PRIMARY | 1 | CityID | A | 0 | NULL | NULL | | BTREE | | |

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

1 row in set (0.00 sec)

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 | PRIMARY | 1 | ID | A | 0 | NULL | NULL | | BTREE | | |

| persons | 1 | fk\_persons | 1 | CityID | A | 0 | NULL | NULL | YES | BTREE | | |

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

2 rows in set (0.00 sec)

ERROR: No query specified

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

Query OK, 11 rows affected (0.42 sec)

Records: 11 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc customers;

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

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

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

| customersID | int(2) | YES | | NULL | |

| name | varchar(20) | YES | | NULL | |

| nickname | varchar(10) | YES | | NULL | |

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

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

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

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> desc c1;

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

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

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

| customersID | int(2) | YES | | NULL | |

| name | varchar(20) | YES | | NULL | |

| nickname | varchar(10) | YES | | NULL | |

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

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

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

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from c1;

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

| customersID | name | nickname | address | city | postalCode |

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

| 1 | Ashley | Ash | 32 Washington street | WDC | 321200 |

| 2 | Bob Marley | Bm | Keele street | Toronto | 100100 |

| 3 | Cherlis Theron | Cher | 329 Empire state Building | New York | 120134 |

| 4 | Denial Jack | DJ | Spartan Building East | Brazil | 341020 |

| 5 | Donna newman | New | 250 Carlson blvd | Toronto | 201023 |

| 6 | Estom M. | M. | 21 York. DV. | Toronto | 130120 |

| 7 | Bobby Chacko | Chac | Kennedy | New York | 320300 |

| 8 | Ashko Charles | AK | Washington D.C. | USA | 421044 |

| 9 | Tony Special | Specie | Oakville | GTA | 418921 |

| 10 | Jack Sp | Sparrow | Oaster Village | New Jersey | 102301 |

| 11 | Harsh | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> create table p1 AS select \* from persons;

Query OK, 0 rows affected (1.00 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc p1;

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

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

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

| ID | int(3) | NO | | 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]> desc persons;

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

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

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

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

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

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

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

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

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

5 rows in set (0.02 sec)

MariaDB [csd2204w18]> create table j3 LIKE persons;

Query OK, 0 rows affected (0.39 sec)

MariaDB [csd2204w18]> desc j3;

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

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

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

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

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

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

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

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

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> desc persons;

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

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

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

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

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

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

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

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

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into persons INSERT INTO `persons`(`ID`, `LastName`, `FirstName`, `Age`, `CityID`) VALUES (1,'Patel','Harsh','22','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 'INSERT INTO `persons`(`ID`, `LastName`, `FirstName`, `Age`, `CityID`) VALUES (1,' at line 1

MariaDB [csd2204w18]> INSERT INTO `persons`(`ID`, `LastName`, `FirstName`, `Age`, `CityID`) VALUES (1,'Patel','Harsh','22','1');

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`csd2204w18`.`persons`, CONSTRAINT `fk\_persons` FOREIGN KEY (`CityID`) REFERENCES `citymaster` (`CityID`))

MariaDB [csd2204w18]> insert into persons INSERT INTO `persons`(`ID`, `LastName`, `FirstName`, `Age`, `CityID`) VALUES (1,'Patel','Harsh','22','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 'INSERT INTO `persons`(`ID`, `LastName`, `FirstName`, `Age`, `CityID`) VALUES (1,' at line 1

MariaDB [csd2204w18]> insert into persons INSERT INTO `persons`(`ID`, `LastName`, `FirstName`, `Age`, `CityID`) VALUES (1,'Patel','Harsh','22','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 'INSERT INTO `persons`(`ID`, `LastName`, `FirstName`, `Age`, `CityID`) VALUES (1,' at line 1

MariaDB [csd2204w18]> truncate table citymaster;

ERROR 1701 (42000): Cannot truncate a table referenced in a foreign key constraint (`csd2204w18`.`persons`, CONSTRAINT `fk\_persons` FOREIGN KEY (`CityID`) REFERENCES `csd2204w18`.`citymaster` (`CityID`))

MariaDB [csd2204w18]> show tables;;

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

| Tables\_in\_csd2204w18 |

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

| c1 |

| citymaster |

| customers |

| j3 |

| p1 |

| persons |

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

6 rows in set (0.00 sec)

ERROR: No query specified

MariaDB [csd2204w18]> truncate table citymaster;

ERROR 1701 (42000): Cannot truncate a table referenced in a foreign key constraint (`csd2204w18`.`persons`, CONSTRAINT `fk\_persons` FOREIGN KEY (`CityID`) REFERENCES `csd2204w18`.`citymaster` (`CityID`))

MariaDB [csd2204w18]> truncate table persons;;

Query OK, 0 rows affected (0.32 sec)

ERROR: No query specified

MariaDB [csd2204w18]> select \* from persons;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from persons;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from citymaster;

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

| CityID | CityName |

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

| 1 | toronto |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from j3;

Empty set (0.00 sec)

MariaDB [csd2204w18]> select \* from persons;

Empty set (0.00 sec)

MariaDB [csd2204w18]> desc persons;

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

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

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

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

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

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

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

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

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into persons('ID','LastName','FirstName','Age','CityID') values (1,'Patel','Harsh','22','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 ''ID','LastName','FirstName','Age','CityID') values (1,'Patel','Harsh','22','1')' at line 1

MariaDB [csd2204w18]> insert into persons('ID','LastName','FirstName','Age','CityID') values (1,'Patel','Harsh','22',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 ''ID','LastName','FirstName','Age','CityID') values (1,'Patel','Harsh','22',1)' at line 1

MariaDB [csd2204w18]> insert into table persons('ID','LastName','FirstName','Age','CityID') values (1,'Patel','Harsh','22',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 'table persons('ID','LastName','FirstName','Age','CityID') values (1,'Patel','Ha' at line 1

MariaDB [csd2204w18]> insert into persons(ID,LastName,FirstName,Age,CityID) values (1,'Patel','Harsh','22',1);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> select \* from persons;

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

| ID | LastName | FirstName | Age | CityID |

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

| 1 | Patel | Harsh | 22 | 1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> desc j3;

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

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

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

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

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

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

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

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

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

5 rows in set (0.00 sec)

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

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

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

Query OK, 1 row affected (0.46 sec)

Records: 1 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> select \* from j3;

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

| ID | LastName | FirstName | Age | CityID |

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

| 1 | Patel | Harsh | 22 | 1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> desc persons;

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

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

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

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

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

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

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

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

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

5 rows in set (0.00 sec)

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 | PRIMARY | 1 | ID | A | 1 | NULL | NULL | | BTREE | | |

| persons | 1 | fk\_persons | 1 | CityID | A | 1 | NULL | NULL | YES | BTREE | | |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into table persons('ID','LastName','FirstName','Age','CityID') values (2,'Patel','Harsh','12',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 'table persons('ID','LastName','FirstName','Age','CityID') values (2,'Patel','Ha' at line 1

MariaDB [csd2204w18]> insert into table persons('ID','LastName','FirstName','Age','CityID') values (2,'Patel','Him','12',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 'table persons('ID','LastName','FirstName','Age','CityID') values (2,'Patel','Hi' at line 1

MariaDB [csd2204w18]> insert into persons(ID,LastName,FirstName,Age,CityID) values (2,'Patel','Him','12',1);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> select \* from persons;

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

| ID | LastName | FirstName | Age | CityID |

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

| 1 | Patel | Harsh | 22 | 1 |

| 2 | Patel | Him | 12 | 1 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> select version();

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

| version() |

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

| 10.1.21-MariaDB |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select database();

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

| database() |

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

| csd2204w18 |

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

1 row in set (0.00 sec)

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

Query OK, 0 rows affected (0.66 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 (0.00 sec)

MariaDB [csd2204w18]> alter table citymaster add column test1;

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]> alter table citymaster modify column country varchar(20);

Query OK, 1 row affected (3.04 sec)

Records: 1 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(20) | YES | | NULL | |

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

3 rows in set (0.02 sec)

MariaDB [csd2204w18]> alter table citymaster change column country nation varchar(20);

Query OK, 0 rows affected (0.08 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 | |

| nation | varchar(20) | YES | | NULL | |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> alter table citymaster drop column nation;

Query OK, 0 rows affected (0.47 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 | |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c1 |

| citymaster |

| customers |

| j3 |

| p1 |

| persons |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> desc c1;

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

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

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

| customersID | int(2) | YES | | NULL | |

| name | varchar(20) | YES | | NULL | |

| nickname | varchar(10) | YES | | NULL | |

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

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

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

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

6 rows in set (0.00 sec)

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

Query OK, 1 row affected (3.19 sec)

Records: 1 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

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

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

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

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

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

2 rows in set (0.02 sec)

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

Query OK, 0 rows affected (0.73 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

| 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]> alter table citytest drop index CityID;

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

MariaDB [csd2204w18]> alter table citytest drop index CityID;

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

MariaDB [csd2204w18]> alter table citytest add column country varchar(20);

Query OK, 0 rows affected (0.47 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

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

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

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

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

| country | varchar(20) | YES | | NULL | |

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

3 rows in set (0.00 sec)

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

Query OK, 0 rows affected (0.23 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

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

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

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

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

| country | varchar(20) | YES | UNI | NULL | |

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

3 rows in set (0.01 sec)

MariaDB [csd2204w18]> alter table citytest drop index country;

Query OK, 0 rows affected (0.20 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

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

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

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

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

| country | varchar(20) | YES | | NULL | |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> alter table citytest drop column country;

Query OK, 0 rows affected (1.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

| 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]> alter table citytest DROP PRIMARY KEY;

Query OK, 1 row affected (0.99 sec)

Records: 1 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

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

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

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

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

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

2 rows in set (0.07 sec)

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

Query OK, 0 rows affected (0.78 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

| 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]> alter table citytest DROP PRIMARY KEY;

Query OK, 1 row affected (1.58 sec)

Records: 1 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc citytest;

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

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

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

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

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

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

2 rows in set (0.01 sec)

MariaDB [csd2204w18]> select \* from citymaster;

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

| CityID | CityName |

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

| 1 | toronto |

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

1 row in set (0.03 sec)

MariaDB [csd2204w18]> update citymaster set Cityname="Vancover" where CityId='1';

Query OK, 1 row affected (0.06 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> select \* from citymaster;

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

| CityID | CityName |

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

| 1 | Vancover |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> update citymaster set CityName='London';

Query OK, 1 row affected (0.03 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> select \* from citymaster;

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

| CityID | CityName |

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

| 1 | London |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into citymaster(CityID,CityName) values (2,'London');

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> select \* from citymaster;

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

| CityID | CityName |

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

| 1 | London |

| 2 | London |

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

2 rows in set (0.00 sec)

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

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204w18]> select \* from citymaster;

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

| CityID | CityName |

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

| 1 | London |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> delete \* 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 '\* from Persons' at line 1

MariaDB [csd2204w18]> select \* from persons;

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

| ID | LastName | FirstName | Age | CityID |

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

| 1 | Patel | Harsh | 22 | 1 |

| 2 | Patel | Him | 12 | 1 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> delete \* 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 '\* from persons' at line 1

MariaDB [csd2204w18]> desc persons;

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

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

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

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

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

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

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

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

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> delete from persons;

Query OK, 2 rows affected (0.09 sec)

MariaDB [csd2204w18]> select \* from persons;

Empty set (0.00 sec)

MariaDB [csd2204w18]> drop table citytest;

Query OK, 0 rows affected (0.22 sec)

MariaDB [csd2204w18]> desc citytest;

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

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c1 |

| citymaster |

| customers |

| j3 |

| p1 |

| persons |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]>