Setting environment for using XAMPP for Windows.

728636@128-IMAC40 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

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 csd2204m18

-> ;

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 'csd2204m18' at line 1

MariaDB [(none)]> create database csd2204m18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use csd2204m18

Database changed

MariaDB [csd2204m18]> CREATE TABLE `customers` (

-> `customersID` int(2) DEFAULT NULL,

-> `name` varchar(40) DEFAULT NULL,

-> `nickname` varchar(10) DEFAULT NULL,

-> `address` varchar(50) DEFAULT NULL,

-> `city` varchar(30) DEFAULT NULL,

-> `postal\_code` int(6) DEFAULT NULL

-> );

Query OK, 0 rows affected (2.92 sec)

MariaDB [csd2204m18]> INSERT INTO `customers` VALUES (1,'Ashley','Ash','32 Washington street','WDC',321200),(2,'Bob marley','Bm','Keele Street','Toronto',100100),(3,'Cherlies Theron','Cher','329 Empire State Building','New York',120134),(4,'Denial Jack','DJ','Spartan Building. East','Brazil',341020),(5,'Donna newman','New','250 Charlson blvd','Toronto',120130),(6,'Eston M.','M.','21 York. DV.','Toronto',201023),(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,'Keshav',NULL,NULL,NULL,NULL);

Query OK, 11 rows affected (0.30 sec)

Records: 11 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> create table CityMaster (

-> CityID integer(4) primary key,

-> cityName varchar(255) default 'toronto'

-> );

Query OK, 0 rows affected (1.22 sec)

MariaDB [csd2204m18]> 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 City (CityID)

-> );

ERROR 1005 (HY000): Can't create table `csd2204m18`.`persons` (errno: 150 "Foreign key constraint is incorrectly formed")

MariaDB [csd2204m18]> drop 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 [csd2204m18]> create table persons(

-> ID integer(3),

-> LasteName 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 (2.10 sec)

MariaDB [csd2204m18]> show index from customers;

Empty set (0.00 sec)

MariaDB [csd2204m18]> 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)

MariaDB [csd2204m18]> select \* from customers;

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

| customersID | name | nickname | address | city | postal\_code |

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

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

| 2 | Bob marley | Bm | Keele Street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire State Building | New York | 120134 |

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

| 5 | Donna newman | New | 250 Charlson blvd | Toronto | 120130 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 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 | Keshav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204m18]> show index from customers;

Empty set (0.00 sec)

MariaDB [csd2204m18]> show index from customers;

Empty set (0.00 sec)

MariaDB [csd2204m18]> 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)

MariaDB [csd2204m18]> create table j1 as select \* from customers;

Query OK, 11 rows affected (0.83 sec)

Records: 11 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> select \* from j1;

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

| customersID | name | nickname | address | city | postal\_code |

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

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

| 2 | Bob marley | Bm | Keele Street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire State Building | New York | 120134 |

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

| 5 | Donna newman | New | 250 Charlson blvd | Toronto | 120130 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 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 | Keshav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204m18]> desc j1;

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

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

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

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

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

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

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

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

| postal\_code | int(6) | YES | | NULL | |

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

6 rows in set (0.11 sec)

MariaDB [csd2204m18]> desc customers;

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

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

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

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

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

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

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

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

| postal\_code | int(6) | YES | | NULL | |

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

6 rows in set (0.01 sec)

MariaDB [csd2204m18]> select \* from j1;

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

| customersID | name | nickname | address | city | postal\_code |

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

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

| 2 | Bob marley | Bm | Keele Street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire State Building | New York | 120134 |

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

| 5 | Donna newman | New | 250 Charlson blvd | Toronto | 120130 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 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 | Keshav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204m18]> 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 [csd2204m18]> create table j2 like persons;

Query OK, 0 rows affected (0.31 sec)

MariaDB [csd2204m18]> desc j1;

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

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

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

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

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

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

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

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

| postal\_code | int(6) | YES | | NULL | |

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

6 rows in set (0.00 sec)

MariaDB [csd2204m18]> desc j2;

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

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

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

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

| LasteName | 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 [csd2204m18]> desc persons;

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

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

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

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

| LasteName | 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 [csd2204m18]> drop j1;

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 'j1' at line 1

MariaDB [csd2204m18]> drop table j1;

Query OK, 0 rows affected (0.22 sec)

MariaDB [csd2204m18]> create table j1 as select \* from customers;

Query OK, 11 rows affected (0.35 sec)

Records: 11 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> drop j2;

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 'j2' at line 1

MariaDB [csd2204m18]> drop table j2;

Query OK, 0 rows affected (0.11 sec)

MariaDB [csd2204m18]> create table j3 like personsl

-> ;

ERROR 1146 (42S02): Table 'csd2204m18.personsl' doesn't exist

MariaDB [csd2204m18]> create table j3 like persons;

Query OK, 0 rows affected (0.61 sec)

MariaDB [csd2204m18]> select \* from j3;

Empty set (0.00 sec)

MariaDB [csd2204m18]> select \* from j2;

ERROR 1146 (42S02): Table 'csd2204m18.j2' doesn't exist

MariaDB [csd2204m18]> select \* from j1;

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

| customersID | name | nickname | address | city | postal\_code |

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

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

| 2 | Bob marley | Bm | Keele Street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire State Building | New York | 120134 |

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

| 5 | Donna newman | New | 250 Charlson blvd | Toronto | 120130 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 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 | Keshav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204m18]> insert into j3 select \* from customers where customersID > 5;

ERROR 1136 (21S01): Column count doesn't match value count at row 1

MariaDB [csd2204m18]> insert into j3 select \* from customers where customersID>5;

ERROR 1136 (21S01): Column count doesn't match value count at row 1

MariaDB [csd2204m18]> insert into j3 select \* from customers;

ERROR 1136 (21S01): Column count doesn't match value count at row 1

MariaDB [csd2204m18]> select \* from customers;

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

| customersID | name | nickname | address | city | postal\_code |

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

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

| 2 | Bob marley | Bm | Keele Street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire State Building | New York | 120134 |

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

| 5 | Donna newman | New | 250 Charlson blvd | Toronto | 120130 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 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 | Keshav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

MariaDB [csd2204m18]> insert into j3 select \* from customers;

ERROR 1136 (21S01): Column count doesn't match value count at row 1

MariaDB [csd2204m18]> create table j4 like customers;

Query OK, 0 rows affected (0.33 sec)

MariaDB [csd2204m18]> insert into j4 select \* from customers;

Query OK, 11 rows affected (0.11 sec)

Records: 11 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> create table c1 like customers;

Query OK, 0 rows affected (0.23 sec)

MariaDB [csd2204m18]> insert into c1 select \* from customers where name like 'A%';

Query OK, 2 rows affected (0.05 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> select \* from c1;

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

| customersID | name | nickname | address | city | postal\_code |

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

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

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

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

2 rows in set (0.00 sec)

MariaDB [csd2204m18]> create c2 as customers;

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 'c2 as customers' at line 1

MariaDB [csd2204m18]> insert into c1 select \* from customers where name like 'New%';

Query OK, 0 rows affected (0.00 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> create c3 like customers;

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 'c3 like customers' at line 1

MariaDB [csd2204m18]> create table c3 like customers;

Query OK, 0 rows affected (0.30 sec)

MariaDB [csd2204m18]> insert into c3 select \* from customers where name like 'New%';

Query OK, 0 rows affected (0.00 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> select \* from c3;

Empty set (0.00 sec)

MariaDB [csd2204m18]> insert into c3 select \* from customers where city like 'New%';

Query OK, 3 rows affected (0.06 sec)

Records: 3 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> select \* from c3;

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

| customersID | name | nickname | address | city | postal\_code |

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

| 3 | Cherlies Theron | Cher | 329 Empire State Building | New York | 120134 |

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

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

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

3 rows in set (0.00 sec)

MariaDB [csd2204m18]> create table dummy as customers;

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 'customers' at line 1

MariaDB [csd2204m18]> desc persons;

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

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

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

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

| LasteName | 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 [csd2204m18]> 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)

MariaDB [csd2204m18]> insert into persons values(1,'Bob','Marley',12,4);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`csd2204m18`.`persons`, CONSTRAINT `fk\_persons` FOREIGN KEY (`CityID`) REFERENCES `citymaster` (`CityID`))

MariaDB [csd2204m18]> insert into persons values(1,'Bob','Marley',18,4);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`csd2204m18`.`persons`, CONSTRAINT `fk\_persons` FOREIGN KEY (`CityID`) REFERENCES `citymaster` (`CityID`))

MariaDB [csd2204m18]> insert into persons values(1,'Bob','Marley',19,4);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`csd2204m18`.`persons`, CONSTRAINT `fk\_persons` FOREIGN KEY (`CityID`) REFERENCES `citymaster` (`CityID`))

MariaDB [csd2204m18]> insert into persons values(1,'Bob','Marley',19,1);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`csd2204m18`.`persons`, CONSTRAINT `fk\_persons` FOREIGN KEY (`CityID`) REFERENCES `citymaster` (`CityID`))

MariaDB [csd2204m18]> 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 [csd2204m18]> insert into CityMaster values(1,'New York');

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204m18]> insert into CityMaster values(2,'Washington D.C.');

Query OK, 1 row affected (0.44 sec)

MariaDB [csd2204m18]> desc persons;

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

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

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

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

| LasteName | 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 [csd2204m18]> insert into persons values(1,'Bob','Marley',19,1);

Query OK, 1 row affected (0.06 sec)

MariaDB [csd2204m18]> insert into persons values(2,'Chris','H.',19,2);

Query OK, 1 row affected (0.63 sec)

MariaDB [csd2204m18]> select \* from persons;

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

| ID | LasteName | FirstName | Age | CityID |

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

| 1 | Bob | Marley | 19 | 1 |

| 2 | Chris | H. | 19 | 2 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204m18]> insert into persons values(3,'Yes','H.',12,2);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204m18]> select versions();

ERROR 1305 (42000): FUNCTION csd2204m18.versions does not exist

MariaDB [csd2204m18]> select version();

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

| version() |

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

| 10.1.21-MariaDB |

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

1 row in set (0.00 sec)

MariaDB [csd2204m18]> select database();

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

| database() |

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

| csd2204m18 |

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

1 row in set (0.00 sec)

MariaDB [csd2204m18]> select database() as 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 [csd2204m18]> select version() as versionl o ;

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' at line 1

MariaDB [csd2204m18]> select version() as versionl ;

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

| versionl |

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

| 10.1.21-MariaDB |

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

1 row in set (0.00 sec)

MariaDB [csd2204m18]> select version() as Version ;

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

| Version |

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

| 10.1.21-MariaDB |

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

1 row in set (0.00 sec)

MariaDB [csd2204m18]> alter table CityMaster add column country varchar(100);

Query OK, 0 rows affected (0.38 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> 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 [csd2204m18]> 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 [csd2204m18]> alter table CityMaster modify column country varchar(20);

Query OK, 2 rows affected (5.29 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> alter table CityMaster change column country Country varchar(20);

Query OK, 0 rows affected (0.00 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> create table ctest as select \* from CityMaster;

Query OK, 2 rows affected (0.92 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> select \* from ctest;

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

| CityID | cityName | Country |

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

| 1 | New York | NULL |

| 2 | Washington D.C. | NULL |

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

2 rows in set (0.00 sec)

MariaDB [csd2204m18]> desc ctest;

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

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

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

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

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

| Country | varchar(20) | YES | | NULL | |

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

3 rows in set (0.00 sec)

MariaDB [csd2204m18]> 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 (0.00 sec)

MariaDB [csd2204m18]> alter table ctest add primary key (CityID);

Query OK, 0 rows affected (0.57 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> desc ctest;

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

| 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 [csd2204m18]> alter table ctest add constraint unique (Country);

Query OK, 0 rows affected (1.27 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> select \* from persons;

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

| ID | LasteName | FirstName | Age | CityID |

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

| 1 | Bob | Marley | 19 | 1 |

| 2 | Chris | H. | 19 | 2 |

| 3 | Yes | H. | 12 | 2 |

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

3 rows in set (0.00 sec)

MariaDB [csd2204m18]> update table persons set CityID = 2 where ID = 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 set CityID = 2 where ID = 1' at line 1

MariaDB [csd2204m18]> alter table ctest drop index Country;

Query OK, 0 rows affected (0.19 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> desc ctest;

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

| 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 [csd2204m18]> alter table ctest add constraint unique (Country);

Query OK, 0 rows affected (0.17 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> desc ctest;

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

| 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 (0.06 sec)

MariaDB [csd2204m18]> select \* from persons;

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

| ID | LasteName | FirstName | Age | CityID |

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

| 1 | Bob | Marley | 19 | 1 |

| 2 | Chris | H. | 19 | 2 |

| 3 | Yes | H. | 12 | 2 |

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

3 rows in set (0.01 sec)

MariaDB [csd2204m18]> update Age=21 where Age=12;

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 '21 where Age=12' at line 1

MariaDB [csd2204m18]> update persons Age=21 where Age=12;

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 '=21 where Age=12' at line 1

MariaDB [csd2204m18]> update table persons set CityID = 2 where ID = 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 set CityID = 2 where ID = 1' at line 1

MariaDB [csd2204m18]> update persons set CityID = 2 where ID = 1;

Query OK, 1 row affected (0.06 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204m18]> show index from ctest;

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

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

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

| ctest | 0 | PRIMARY | 1 | CityID | A | 2 | NULL | NULL | | BTREE | | |

| ctest | 0 | Country | 1 | Country | A | 2 | NULL | NULL | YES | BTREE | | |

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

2 rows in set (0.00 sec)

MariaDB [csd2204m18]> drop index primary key on ctest;

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 'primary key on ctest' at line 1

MariaDB [csd2204m18]> drop index primary on ctest;

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 'primary on ctest' at line 1

MariaDB [csd2204m18]> drop index Country on ctest;

Query OK, 0 rows affected (0.13 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204m18]> show index from ctest;

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

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

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

| ctest | 0 | PRIMARY | 1 | CityID | A | 2 | NULL | NULL | | BTREE | | |

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

1 row in set (0.00 sec)

MariaDB [csd2204m18]> select \* from CityMaster;

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

| CityID | cityName | Country |

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

| 1 | New York | NULL |

| 2 | Washington D.C. | NULL |

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

2 rows in set (0.00 sec)

MariaDB [csd2204m18]> update CityMaster set cityName='Vancouver' where CityID=2;

Query OK, 1 row affected (0.09 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204m18]> select \* from CityMaster;

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

| CityID | cityName | Country |

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

| 1 | New York | NULL |

| 2 | Vancouver | NULL |

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

2 rows in set (0.00 sec)

MariaDB [csd2204m18]> update CityMaster set cityName = 'London' ;

Query OK, 2 rows affected (0.07 sec)

Rows matched: 2 Changed: 2 Warnings: 0

MariaDB [csd2204m18]> select \* from CityMaster;

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

| CityID | cityName | Country |

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

| 1 | London | NULL |

| 2 | London | NULL |

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

2 rows in set (0.00 sec)

MariaDB [csd2204m18]> deelte from CityMaster where CityID=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 'deelte from CityMaster where CityID=2' at line 1

MariaDB [csd2204m18]> delete from CityMaster where CityID=2;

ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails (`csd2204m18`.`persons`, CONSTRAINT `fk\_persons` FOREIGN KEY (`CityID`) REFERENCES `citymaster` (`CityID`))

MariaDB [csd2204m18]> show index CityMaster;

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' at line 1

MariaDB [csd2204m18]> 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 | 2 | NULL | NULL | | BTREE | | |

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

1 row in set (0.00 sec)

MariaDB [csd2204m18]> drop index PRIMARY on CityMaster;

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 'PRIMARY on CityMaster' at line 1

MariaDB [csd2204m18]> drop index PRIMARY on 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 'PRIMARY on Persons' at line 1

MariaDB [csd2204m18]> desc persons;

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

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

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

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

| LasteName | 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 [csd2204m18]> DELETE \* from ctest;

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 ctest' at line 1

MariaDB [csd2204m18]> delete \* from c1;

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 c1' at line 1

MariaDB [csd2204m18]> select \* from c2;

ERROR 1146 (42S02): Table 'csd2204m18.c2' doesn't exist

MariaDB [csd2204m18]> select \* from j2;

ERROR 1146 (42S02): Table 'csd2204m18.j2' doesn't exist

MariaDB [csd2204m18]> select \* from j1;

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

| customersID | name | nickname | address | city | postal\_code |

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

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

| 2 | Bob marley | Bm | Keele Street | Toronto | 100100 |

| 3 | Cherlies Theron | Cher | 329 Empire State Building | New York | 120134 |

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

| 5 | Donna newman | New | 250 Charlson blvd | Toronto | 120130 |

| 6 | Eston M. | M. | 21 York. DV. | Toronto | 201023 |

| 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 | Keshav | NULL | NULL | NULL | NULL |

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

11 rows in set (0.38 sec)

MariaDB [csd2204m18]> delete \* from j1;

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 j1' at line 1

MariaDB [csd2204m18]> delete from j1;

Query OK, 11 rows affected (0.09 sec)

MariaDB [csd2204m18]> show tables;

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

| Tables\_in\_csd2204m18 |

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

| c1 |

| c3 |

| citymaster |

| ctest |

| customers |

| j1 |

| j3 |

| j4 |

| persons |

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

9 rows in set (0.00 sec)

MariaDB [csd2204m18]> delete \* from 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 '\* from j4' at line 1

MariaDB [csd2204m18]> delete from j4;

Query OK, 11 rows affected (0.05 sec)

MariaDB [csd2204m18]> show tables;

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

| Tables\_in\_csd2204m18 |

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

| c1 |

| c3 |

| citymaster |

| ctest |

| customers |

| j1 |

| j3 |

| j4 |

| persons |

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

9 rows in set (0.00 sec)

MariaDB [csd2204m18]> drop 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 'j4' at line 1

MariaDB [csd2204m18]> drop table j4;

Query OK, 0 rows affected (0.09 sec)

MariaDB [csd2204m18]> show tables;

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

| Tables\_in\_csd2204m18 |

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

| c1 |

| c3 |

| citymaster |

| ctest |

| customers |

| j1 |

| j3 |

| persons |

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

8 rows in set (0.00 sec)

MariaDB [csd2204m18]> truncate table c3;

Query OK, 0 rows affected (0.39 sec)

MariaDB [csd2204m18]> show tables;

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

| Tables\_in\_csd2204m18 |

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

| c1 |

| c3 |

| citymaster |

| ctest |

| customers |

| j1 |

| j3 |

| persons |

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

8 rows in set (0.00 sec)

MariaDB [csd2204m18]> desc c3;

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

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

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

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

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

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

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

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

| postal\_code | int(6) | YES | | NULL | |

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

6 rows in set (0.00 sec)

MariaDB [csd2204m18]>ql qeu