MariaDB [csd2204w18]> select \* from j1;

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

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)

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

Query OK, 0 rows affected (0.24 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc customers;

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

| 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 ji;

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

MariaDB [csd2204w18]> create table j1 AS select \* from CityMaster;

Query OK, 0 rows affected (0.27 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| citymaster |

| customers |

| j1 |

| persons |

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

4 rows in set (0.00 sec)

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

Query OK, 0 rows affected (0.21 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| citymaster |

| customers |

| j1 |

| j2 |

| persons |

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

5 rows in set (0.00 sec)

MariaDB [csd2204w18]> desc j1;

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

| 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]> 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 [csd2204w18]> desc j2;

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

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

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

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

| LasteName | 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 c2 like customers;

Query OK, 0 rows affected (0.20 sec)

MariaDB [csd2204w18]> desc c2;

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

| 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]> 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 [csd2204w18]> Insert into persons values(01,'Person A','Per A',50,55);

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 CityMaster values(1,'toronto');

Query OK, 1 row affected (0.04 sec)

MariaDB [csd2204w18]> Insert into persons values(01,'Person A','Per A',50,1);

Query OK, 1 row affected (0.05 sec)

MariaDB [csd2204w18]> select \* from persons;

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

| ID | LasteName | FirstName | Age | CityID |

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

| 1 | Person A | Per A | 50 | 1 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> Insert into persons values(01,'Person A','Per A',65,1);

ERROR 1062 (23000): Duplicate entry '1' for key 'PRIMARY'

MariaDB [csd2204w18]> Insert into persons values(02,'Person A','Per A',65,1);

Query OK, 1 row affected (0.66 sec)

MariaDB [csd2204w18]> select \* from persons;

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

| ID | LasteName | FirstName | Age | CityID |

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

| 1 | Person A | Per A | 50 | 1 |

| 2 | Person A | Per A | 65 | 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]> alter table CityMaster add column country varchar(100);

Query OK, 0 rows affected (0.37 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 (0.68 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 (0.00 sec)

MariaDB [csd2204w18]> alter table CityMaster change column country countries varchar(255);

Query OK, 1 row affected (0.58 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 | |

| countries | varchar(255) | YES | | NULL | |

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

3 rows in set (0.01 sec)

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

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

MariaDB [csd2204w18]> alter table CityMaster drop column countries;

Query OK, 0 rows affected (0.39 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> create table from Citytest AS select \* from 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 'from Citytest AS select \* from CityMaster' at line 1

MariaDB [csd2204w18]> create table from Citytest AS select \* from 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 'from Citytest AS select \* from CityMaster' at line 1

MariaDB [csd2204w18]> create table from Citytest as select \* from 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 'from Citytest as select \* from CityMaster' at line 1

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

Query OK, 1 row affected (0.25 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 (0.00 sec)

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

Query OK, 0 rows affected (0.39 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 (0.01 sec)

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

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

MariaDB [csd2204w18]> alter table Citytest modify cityName varchar(40);

Query OK, 1 row affected (1.81 sec)

Records: 1 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> alter table Citytest drop index customerID;

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

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

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

MariaDB [csd2204w18]> alter table Citytest drop column countries;

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

MariaDB [csd2204w18]> alter table Citytest drop column CityID;

Query OK, 1 row affected (0.80 sec)

Records: 1 Duplicates: 0 Warnings: 0

MariaDB [csd2204w18]> desc Citytest;

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

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

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

| cityName | varchar(40) | YES | | NULL | |

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

1 row in set (0.00 sec)

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

ERROR 1025 (HY000): Error on rename of '.\csd2204w18\#sql-1c38\_2' to '.\csd2204w18\citymaster' (errno: 150 "Foreign key constraint is incorrectly formed")

MariaDB [csd2204w18]> update CityMaster set cityName = 'Vanc' where CityID=1;

Query OK, 1 row affected (0.47 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> select \* from CityMaster;

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

| CityID | cityName |

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

| 1 | Vanc |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> insert into CityMaster values(2,'London');

Query OK, 1 row affected (0.09 sec)

MariaDB [csd2204w18]> select \* from CityMaster;

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

| CityID | cityName |

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

| 1 | Vanc |

| 2 | London |

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

2 rows in set (0.00 sec)

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

Query OK, 1 row affected (0.07 sec)

MariaDB [csd2204w18]> select \* from CityMaster;

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

| CityID | cityName |

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

| 1 | Vanc |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> select \* from persons;

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

| ID | LasteName | FirstName | Age | CityID |

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

| 1 | Person A | Per A | 50 | 1 |

| 2 | Person A | Per A | 65 | 1 |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> truncate persons;

Query OK, 0 rows affected (0.33 sec)

MariaDB [csd2204w18]> select \* from persons;

Empty set (0.00 sec)

MariaDB [csd2204w18]> drop table persons;

Query OK, 0 rows affected (0.17 sec)

MariaDB [csd2204w18]> select \* from persons;

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

MariaDB [csd2204w18]> exit;

Bye

732255@128-IMAC33 c:\xampp

# mysql dump -u root -p csd2204w18>Day4.sql;

732255@128-IMAC33 c:\xampp

#

732255@128-IMAC33 c:\xampp

# mysql dump -p -u root csd2204w18>Day4.sql;

732255@128-IMAC33 c:\xampp

#

732255@128-IMAC33 c:\xampp

# mysql dump -p -u root csd2204w18>Day5.sql;