C:\Users\Dell>cd\

C:\>cd\xampp\mysql\bin

C:\xampp\mysql\bin>mysql -h localhost -u root

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

Your MariaDB connection id is 8

Server version: 10.4.28-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

**MariaDB [(none)]> create database Movie;**

Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use movie;

Database changed

MariaDB [movie]> create table Movie(mov\_id int primary key auto\_increment,

-> mov\_title varchar(90),

-> mov\_year int,

-> mov\_time int,

-> mov\_lang varchar(50),

-> mov\_release\_date date,

-> mov\_release\_date date,

-> mov\_release\_country varchar(90));

ERROR 1060 (42S21): Duplicate column name 'mov\_release\_date'

MariaDB [movie]> create table Movie(mov\_id int primary key auto\_increment,

-> mov\_title varchar(90),

-> mov\_year int,

-> mov\_time int,

-> mov\_lang varchar(50),

-> mov\_release\_date date,

-> mov\_release\_country varchar(90));

Query OK, 0 rows affected (0.012 sec)

MariaDB [movie]> desc Movie;

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

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

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

| mov\_id | int(11) | NO | PRI | NULL | auto\_increment |

| mov\_title | varchar(90) | YES | | NULL | |

| mov\_year | int(11) | YES | | NULL | |

| mov\_time | int(11) | YES | | NULL | |

| mov\_lang | varchar(50) | YES | | NULL | |

| mov\_release\_date | date | YES | | NULL | |

| mov\_release\_country | varchar(90) | YES | | NULL | |

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

7 rows in set (0.026 sec)

MariaDB [movie]> insert into Movie values(1,"Pathan",2023,3,"Hindi",2023,"India");

Query OK, 1 row affected, 1 warning (0.074 sec)

MariaDB [movie]> insert into Movie values(2,"Sivaji",2021,4,"Tamil",2021,"India"),(3,"Indian",2020,4,"Tamil",2020,"India");

Query OK, 2 rows affected, 2 warnings (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 2

MariaDB [movie]> insert into Movie values(4,"Ra1",2020,4,"Hindi",2020,"India"),(5,"Indian2",2021,4,"Tamil",2021,"India");

Query OK, 2 rows affected, 2 warnings (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 2

MariaDB [movie]> select \* from Movie;

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

| mov\_id | mov\_title | mov\_year | mov\_time | mov\_lang | mov\_release\_date | mov\_release\_country |

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

| 1 | Pathan | 2023 | 3 | Hindi | 0000-00-00 | India |

| 2 | Sivaji | 2021 | 4 | Tamil | 0000-00-00 | India |

| 3 | Indian | 2020 | 4 | Tamil | 0000-00-00 | India |

| 4 | Ra1 | 2020 | 4 | Hindi | 0000-00-00 | India |

| 5 | Indian2 | 2021 | 4 | Tamil | 0000-00-00 | India |

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

5 rows in set (0.000 sec)

MariaDB [movie]>

MariaDB [movie]> create table actor(act\_id int primary key,

-> act\_name varchar(90),

-> act\_fname varchar(90),

-> act\_gender enum("M","F"));

Query OK, 0 rows affected (0.014 sec)

MariaDB [movie]> desc actor;

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

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

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

| act\_id | int(11) | NO | PRI | NULL | |

| act\_name | varchar(90) | YES | | NULL | |

| act\_fname | varchar(90) | YES | | NULL | |

| act\_gender | enum('M','F') | YES | | NULL | |

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

4 rows in set (0.020 sec)

MariaDB [movie]> insert into actor values(1,"Rajini","Kant","M");

Query OK, 1 row affected (0.003 sec)

MariaDB [movie]> insert into actor values(2,"Kamal","Hassan","M"),(3,"Salman","khan","M);

"> "/";

"> exit;

"> insert into actor values(2,"Kamal","Hassan","M"),(3,"Salman","khan","M");

"> "exit";

"> Bye

Ctrl-C -- exit!

C:\xampp\mysql\bin>mysql -h localhost -u root

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

Your MariaDB connection id is 9

Server version: 10.4.28-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> use movie;

Database changed

MariaDB [movie]> desc actor;

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

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

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

| act\_id | int(11) | NO | PRI | NULL | |

| act\_name | varchar(90) | YES | | NULL | |

| act\_fname | varchar(90) | YES | | NULL | |

| act\_gender | enum('M','F') | YES | | NULL | |

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

4 rows in set (0.018 sec)

MariaDB [movie]> select \* from actor;

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

| act\_id | act\_name | act\_fname | act\_gender |

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

| 1 | Rajini | Kant | M |

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

1 row in set (0.000 sec)

MariaDB [movie]> insert into actor values(2,"Kamal","Hassan","M"),(3,"Salman","khan","M");

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> insert into actor values(4,"Sharukh","Khan","M"),(5,"Deepika","Padukone","F");

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from actor;

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

| act\_id | act\_name | act\_fname | act\_gender |

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

| 1 | Rajini | Kant | M |

| 2 | Kamal | Hassan | M |

| 3 | Salman | khan | M |

| 4 | Sharukh | Khan | M |

| 5 | Deepika | Padukone | F |

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

5 rows in set (0.000 sec)

MariaDB [movie]>

MariaDB [movie]> create table movie\_cast(act\_id int, mov\_id int,role varchar(90), foreign key(act\_id) references actor(act\_id), foreign key(mov\_id) references movie(mov\_id));

Query OK, 0 rows affected (0.040 sec)

MariaDB [movie]> insert into movie\_cast(1,1,"Pathan");

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 '1,1,"Pathan")' at line 1

MariaDB [movie]> insert into movie\_cast values(1,1,"Pathan");

Query OK, 1 row affected (0.004 sec)

MariaDB [movie]> insert into movie\_cast values(2,2,"Sivaji"),(3,3,"Indian");

Query OK, 2 rows affected (0.004 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> insert into movie\_cast values(4,4,"Ra1"),(5,5,"Indian2");

Query OK, 2 rows affected (0.004 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from movie\_cast;

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

| act\_id | mov\_id | role |

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

| 1 | 1 | Pathan |

| 2 | 2 | Sivaji |

| 3 | 3 | Indian |

| 4 | 4 | Ra1 |

| 5 | 5 | Indian2 |

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

5 rows in set (0.000 sec)

MariaDB [movie]>

MariaDB [movie]> create table director(dir\_id int primary key auto\_increment,

-> dir\_name varchar(90),

-> dir\_lname varchar(90));

Query OK, 0 rows affected (0.013 sec)

MariaDB [movie]> insert into director values(1,"shankar","Shanmugam");

Query OK, 1 row affected (0.003 sec)

MariaDB [movie]> insert into director values(2,"Karan","chohar"),(3,"Kamal","hasan");

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> insert into director values(4,"DK","chohar"),(4,"Raj","Kumar");

ERROR 1062 (23000): Duplicate entry '4' for key 'PRIMARY'

MariaDB [movie]> insert into director values(4,"DK","chohar"),(5,"Raj","Kumar");

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from director;

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

| dir\_id | dir\_name | dir\_lname |

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

| 1 | shankar | Shanmugam |

| 2 | Karan | chohar |

| 3 | Kamal | hasan |

| 4 | DK | chohar |

| 5 | Raj | Kumar |

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

5 rows in set (0.000 sec)

MariaDB [movie]>

MariaDB [movie]> create table movie\_direction(dir\_id int, movie\_id int, foreign key(dir\_id) references director(dir\_id),foreign key(mov\_id) references Movie(mov\_id));

ERROR 1072 (42000): Key column 'mov\_id' doesn't exist in table

MariaDB [movie]> create table movie\_direction(dir\_id int, mov\_id int, foreign key(dir\_id) references director(dir\_id),foreign key(mov\_id) references Movie(mov\_id));

Query OK, 0 rows affected (0.042 sec)

MariaDB [movie]> insert into movie\_direction values(1,1);

Query OK, 1 row affected (0.004 sec)

MariaDB [movie]> insert into movie\_direction values(2,2),(3,3),(4,4),(5,5);

Query OK, 4 rows affected (0.004 sec)

Records: 4 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from movie\_direction;

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

| dir\_id | mov\_id |

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

| 1 | 1 |

| 2 | 2 |

| 3 | 3 |

| 4 | 4 |

| 5 | 5 |

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

5 rows in set (0.000 sec)

MariaDB [movie]>

MariaDB [movie]> create table rating(mov\_id int,rev\_id int,rev\_stars int,num\_of\_ratings int, foreign key(mov\_id) references Movie(mov\_id));

Query OK, 0 rows affected (0.038 sec)

MariaDB [movie]> insert into rating values(1,1,5,10);

Query OK, 1 row affected (0.004 sec)

MariaDB [movie]> insert into rating values(2,2,4,20),(3,3,5,30);

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> insert into rating values(4,4,4,25),(5,5,5,35);

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from rating;

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

| mov\_id | rev\_id | rev\_stars | num\_of\_ratings |

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

| 1 | 1 | 5 | 10 |

| 2 | 2 | 4 | 20 |

| 3 | 3 | 5 | 30 |

| 4 | 4 | 4 | 25 |

| 5 | 5 | 5 | 35 |

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

5 rows in set (0.000 sec)

MariaDB [movie]>

MariaDB [movie]> create table mov\_genres(gen\_id int,mov\_id int, foreign key(mov\_id) references Movie(mov\_id));

Query OK, 0 rows affected (0.041 sec)

MariaDB [movie]> insert into mov\_genres values(1,1),(2,2),(3,3),(4,4),(5,5));

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 [movie]> insert into mov\_genres values(1,1);

Query OK, 1 row affected (0.004 sec)

MariaDB [movie]> insert into mov\_genres values(2,2),(3,3);

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> insert into mov\_genres values(4,4),(5,5);

Query OK, 2 rows affected (0.002 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from mov\_genres;

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

| gen\_id | mov\_id |

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

| 1 | 1 |

| 2 | 2 |

| 3 | 3 |

| 4 | 4 |

| 5 | 5 |

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

5 rows in set (0.000 sec)

MariaDB [movie]> create table genres\_name(gen\_id int,gen\_title varchar(30), foreign key(gen\_id) references mov\_genres(gen\_id));

Query OK, 0 rows affected (0.033 sec)

MariaDB [movie]> insert into genres\_name values(1,"Action");

Query OK, 1 row affected (0.004 sec)

MariaDB [movie]> insert into genres\_name values(2,"Action"),(3,"Horror"),(4,"Action"),(5,"Horror");

Query OK, 4 rows affected (0.002 sec)

Records: 4 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from genres\_name;

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

| gen\_id | gen\_title |

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

| 1 | Action |

| 2 | Action |

| 3 | Horror |

| 4 | Action |

| 5 | Horror |

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

5 rows in set (0.000 sec)

MariaDB [movie]>

MariaDB [movie]> create table reviewer(rev\_id int, rev\_name varchar(90), foreign key(rev\_id) references rating(rev\_id));

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

MariaDB [movie]> create table reviewer(rev\_id int, rev\_name varchar(90));

Query OK, 0 rows affected (0.012 sec)

MariaDB [movie]> insert \* from reviewer values(1,"Prashant");

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 reviewer values(1,"Prashant")' at line 1

MariaDB [movie]> insert into reviewer values(1,"Prashant");

Query OK, 1 row affected (0.003 sec)

MariaDB [movie]> insert into reviewer values(2,"Pavithran"),(3,"Khan");

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> insert into reviewer values(4,"salman"),(5,"Vedha");

Query OK, 2 rows affected (0.003 sec)

Records: 2 Duplicates: 0 Warnings: 0

MariaDB [movie]> select \* from reviewer;

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

| rev\_id | rev\_name |

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

| 1 | Prashant |

| 2 | Pavithran |

| 3 | Khan |

| 4 | salman |

| 5 | Vedha |

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

5 rows in set (0.000 sec)

MariaDB [movie]>