```
:\Windows\system32>create database imdb;
reate' is not recognized as an internal or external command,
perable program or batch file.
   :\Windows\system32>mysql -u root -p
iter password: ********
elcome to the MariaDB monitor. Commands end with ; or \g.
pur MariaDB connection id is 6
erver version: 11.2.2-MariaOB mariadb.org binary distribution
 opyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
MariaDB [(none)]> CREATE DATABASE IMDB;
Query OK, 1 row affected (0.011 sec)
MariaDB [(none)]> USE IMDB;
Database changed
MariaDB [IMDB]> CREATE TABLE Movies(Movie_ID INT NOT NULL AUTO_INCREMENT PRIMARY KEY,
-> Title VARCHAR(100), Release_Year YEAR, Duration_Minutes INT);
Query OK, 0 rows affected (0.047 sec)
   ariaDB [IMDB]> CREATE TABLE Media (Media_ID INT AUTO_INCREMENT PRIMARY KEY,
-> Movie_ID INT,
-> Media_Type ERUM('Video', 'Image'),
-> Media_URL VARCHAR(100),
-> FOREIGN KEY (Movie_ID) REFERENCES Movies(Movie_ID)
AuriaDB [1008]> CREATE TABLE Genre(Genre_ID INT NOT NULL AUTO_INCREMENT PRIMARY_KEY, Genre_Name VARCHAR(255));

FROR 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 'Genre_Name
VARCHAR(255))' at line 1

AuriaDB [1008]> CREATE TABLE Genre(Genre_ID INT AUTO_INCREMENT PRIMARY KEY NOT NULL,Genre_Name VARCHAR(255));

AuriaDB [1008]> CREATE TABLE Genre(Genre_ID INT AUTO_INCREMENT PRIMARY KEY NOT NULL,Genre_Name VARCHAR(255));

AuriaDB [1008]> CREATE TABLE Genre(Genre_ID INT AUTO_INCREMENT PRIMARY KEY NOT NULL,Genre_Name VARCHAR(255));
 ariaDB [IMDB]> ---Create Table for Reviews
ariaDB [IMDB]> CREATE TABLE Reviews(Review_ID INT NOT NULL AUTO_INCREMENT PRIMARY KEY,Movie_ID INT,User_ID INT,Review_text TEXT, Rating DECIMAL(3,1),
--> Review_Date DATE, FOREIGN KEY(Movie_ID) REFERENCES Movies(Movie_ID));
uery OK, 0 rows affected (0.021 sec)
 ariaDB [IMDB]> -Create Table for Users
-;;
EROR 1664 (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 '-Create Tab
le for Users' at line 1
MariaDB [IMDB]> --Create Table for Users
MariaDB [IMDB]> CREATE TABLE Users(User_ID INT NOT NULL AUTO_INCREMENT PRIMARY KEY, Username VARCHAR(50) NOT NULL);
Query OK, 0 rows affected (0.075 sec)
  ariaDB [IMDB]> ALTER TABLE Reviews ADD FOREIGN KEY(User_ID) REFERENCES Users(User_ID);
uery OK, 0 rows affected (0.073 sec)
ecords: 0 Duplicates: 0 Warnings: 0
 ariaD8 [IMD8]> --Create Table for Artists
ariaD8 [IMD8]> CREATE TABLE Artist(Artist_ID INT NOT NULL AUTO_INCREMENT PRIMARY KEY, Artist_Name VARCHAR(50));
uery OK, 0 rows affected (0.014 sec)
  ariaD8 [IMD8]> --Create Table for Skills
ariaD8 [IMD8]> CREATE TABLE Skills(Skill_ID INT NOT NULL AUTO_INCREMENT PRIMARY KEY, Skill_Name VARCHAR(255));
uery OK, 0 rows affected (0.016 sec)
HariaDB [IMDB]> --Create Table for Rolls
HariaDB [IMDB]> CREATE TABLE Roles(Role_ID INT NOT NULL AUTO_INCREMENT PRIMARY KEY, Roll_Name VARCHAR(255));
Query OK, 0 rows affected (0.015 sec)
 ariaDB [IMDB]> --Create Table for Movie Genre and many to many Relationship betwee with Movies and Genre tables
ariaDB [IMDB]> CREATE TABLE Movie_Genre(Movie_ID INT NOT NULL, Genre_ID INT NOT NULL, PRIMARY KEY(Movie_ID, Genre_ID), FOREIGN KEY(Movie_ID) REFERENCES Movies(Movie_ID)
 ariaDB [IMDB]> --Create table for Artist_Skills and many-to-many relationship between Artists and Skills
ariaDB [IMDB]> cREATE TABLE Artist_Skills(Artist_ID INT,Skill_ID INT,PRIMARY KEY(Artist_ID,Skill_ID),
-> FOREION KEY(Artist_ID) REFERENCES Artist(Artist_ID));
FOREION KEY(Skill ID) REFERENCES Skills(Skill ID));
RROR 1005 (HY0800): Can't create table 'imdb'. Artist skills' (errno: 150 "Foreign key constraint is incorrectly formed")
ariaDB [IMDB]> CREATE TABLE Artist Skills(Artist_ID INT,Skill ID INT,PRIMARY KEY(Artist_ID,Skill_ID));
-> FOREION KEY(Artist_ID) REFERENCES Artist(Artist_ID),FOREIGN KEY(Skill_ID) REFERENCES Skills(Skill_ID));
uery OK, 0 rows affected (0.016 sec)
  ariaDB [IMDB]> --Create tale for Artist_Roles and many-to-many relationship between Artists and Roles
ariaDB [IMDB]> CREATE TABLE Artist_Roles(Artist_ID IMT,Skill_ID IMT,Role_ID IMT,
-> PRIMARY KEY(Artist_
-> PRIMARY KEY(Artist_
RROR 1864 (42880): 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 2
 riaDB [IMDB]> INSERT INTO Movies (Title, Release_Year, Duration_Minutes) VALUES
-> ('Mouna Ragam', 1986, 146),
-> ('Nayagan', 1987, 156),('Thalapathi', 1991, 157),('Roja', 1992, 137),
-> ('Indian', 1996, 188),('Kaakha Kaakha', 2003, 153),('Vettaiyaadu Vilaiyaadu', 2006, 174),
-> ('Vinnaithaandi Varuvaayaa', 2016, 157),('Aruvi', 2016, 130),('Jigarthanda', 2014, 171);
rery OK, 10 rows affected (0.011 582)
ccords: 10 Duplicates: 0 Warnings: 0
 ariaD8 [IMD8]> --Insert data into Media table
ariaD8 [IMD8]> --Insert data into Media table
ariaD8 [IMD8]> INSERI INTO Media (Movie ID, Media Type, Media URL) VALUES
-> (1, 'Video', 'https://example.com/mouna_ragam_npat'),
-> (2, 'Video', 'https://example.com/nayagan.mpat'),
-> (3, 'Video', 'https://example.com/rajaposter.jpg'),
-> (4, 'Image', 'https://example.com/rajaposter.jpg'),
-> (5, 'Video', 'https://example.com/rajaposter.jpg'),
-> (5, 'Video', 'https://example.com/rajamak.gaakha_poster.jpg'),
-> (6, 'Image', 'https://example.com/vandan.mpat'),
-> (8, 'Image', 'https://example.com/vandan.tahandi_varuvaayaa_poster.jpg'),
-> (9, 'Video', 'https://example.com/vandan.tahandi_varuvaayaa_poster.jpg'),
-> (9, 'Video', 'https://example.com/vinaithanadi_varuvaayaa_poster.jpg'),
-> (10, 'Image', 'https://example.com/jigarthanda_poster.jpg');
uery OK, 11 rows affected (0.009 sec)
econds: 11 Duplicates: 0 Warnings: 0
   ariaDB [IMDB]> -- Insert data into Genre table
ariaDB [IMDB]> INSERT INTO Genre (Genre_Name) VALUES
    -> ('Romance'),
     -> ('Romance'),
-> ('Drama'),
-> ('Action'),
-> ('Thriller'),
-> ('Crime'),
-> ('Musical');
-> ('Musical')
cords: 6 Duplicates: 0 Warnings: 0
```

```
ariaD8 [IMD8]> INSERT INTO Reviews (Movie_ID,User_ID,Review_text,Rating,Review_Date)VALUES
-> (1, 1, 'Classic romantic film.', 8.5, '2024-03-10'),
-> (2, 2, 'Masterpiece by Mani Ratnam.', 9.0, '2024-03-12'),
-> (3, 3, 'Rajinikanth and Mammootty at their best.', 9.5, '2024-03-15'),
-> (4, 4, 'Iconic soundtrack by A.R. Rahman.', 9.2, '2024-03-18'),
-> (5, 5, 'Kamal Haasan delivers a stellar performance.', 9.3, '2024-03-20'),
-> (6, 6, 'Gripping police drama.', 8.8, '2024-03-22'),
-> (7, 7, 'Intense crime thriller.', 9.1, '2024-03-22'),
-> (8, 8, 'Heartfelf romantic drama.', 8.9, '2024-03-28'),
-> (9, 9, 'Bold and unconventional storytelling.', 9.6, '2024-03-30'),
-> (10, 10, 'Innovative screenplay and direction.', 9.4, '2024-04-02');
uery OK, 10 rows affected (0.008 sec)
ecords: 10 Duplicates: 0 Warnings: 0
         AriaDB [1MOB] INSERT INTO Users (Usern
-> ('user1'),
-> ('user2'),
-> ('user3'),
-> ('user6'),
-> ('user6'),
-> ('user6'),
-> ('user6'),
-> ('user6'),
-> ('user8'),
-> ('user8'),
-> ('user8'),
-> ('user8'),
-> ('user8')
            ariaOB [IMDB]> INSERT INTO Artist(Artist_Name) VALUES
-> ('Kamal Haasan'),
-> ('Rajinikanth'),
-> ('Mani Ratnam'),
-> ('Gautham Vasudev Menon'),
-> ('Ar. Rahman'),
-> ('Suriya'),
-> ('Trisha Krishnan'),
-> ('Yolya') ('Yolya Sethupathi');
uery OK, 10 rows affected (0.004 sec)
ccords: 10 Duplicates: 0 Warnings: 0
MariaDB [IMDB] INSERT INTO Skills(Skill_Name)VALUES
-> ('Acting'),
-> ('Nusic Composition'),
-> ('Singing'),
-> ('Sceneuwriting');
ERROR 2006 (HY000): Server has gone away
No connection. Trying to reconnect...
Connection id: 9
Current database: IMDB
               ery OK, 5 rows affected (0.030 sec)
cords: 5 Duplicates: 0 Warnings: 0
          ariaDB [IMDB]> INSERT INTO Roles (Roll_Name) VALUES

-> ('Lead Actor'),
-> ('Supporting Actor'),
-> ('Supporting Actor'),
-> ('Supporting Actress'),
-> ('Supporting Actress'),
-> ('Director');
uery OK, 5 rows affected (0.006 sec)
ecords: 5 Duplicates: 0 Warnings: 0
         ariaDB [IMDB]> INSERT INTO Movie_Genre
-> (1, 1),
-> (1, 2),
-> (2, 2),
-> (2, 5),
-> (3, 2),
-> (3, 3),
-> (4, 1),
-> (5, 3),
-> (6, 3),
-> (6, 4),
-> (7, 3),
-> (8, 1),
-> (8, 1),
-> (9, 2),
-> (9, 2),
-> (9, 2),
-> (10, 3),
-> (10, 5);
uery OK, 18 rows affected (0.004 sec)
ecords: 18 Duplicates: 0 Warnings: 0
               riaDB [IMDB]> INSERT INTO Movie_Genre (Movie_ID, Genre_ID) VALUES
            ariaD8 [IMD8]> INSERT INTO Artist_Skills (Artist_ID, Skill_ID) VALUES
-> (1, 1),
-> (2, 1),
-> (3, 1),
-> (4, 2),
-> (5, 2),
-> (6, 3),
-> (7, 1),
-> (8, 1),
-> (9, 1),
-> (10, 1);
uery OK, 10 rows affected (0.005 sec)
ecords: 10 Duplicates: 0 Warnings: 0
          econds: 10 Duplicates: 0 Warnings: 0

ariaD8 [IMD8]> INSERT INTO Artist_Roles (Artist_ID, Movie_ID, Role_ID) VALUES

-> (1, 1, 1),

-> (2, 2, 1),

-> (3, 3, 1),

-> (4, 2, 5),

-> (5, 4, 5),

-> (6, 6, 2),

-> (7, 6, 1),

-> (8, 8, 3),

-> (9, 10, 1),

-> (10, 10, 10, 2);

uery OK, 10 rows affected (0.007 sec)

econds: 10 Duplicates: 0 Warnings: 0
```

```
riaDB [IMDB]> show tables;
  Tables_in_imdb |
 artist
artist_roles
artist_skills
 artist_skill
genre
media
movie_genre
movies
reviews
roles
skills
users
 l rows in set (0.003 sec)
rows in set (0.029 sec)
ariaDB [IMDB]> select * artist;
RROR 1864 (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 'artist' at
RROR 1004 (42000).
ine 1
ariaDB [IMDB]> select * from artist;
 Artist_ID | Artist_Name
           1 | Kamal Haasan
2 | Rajinikanth
3 | Mammootty
4 | Mani Ratnam
5 | Gautham Vasudev Menon
6 | A.R. Rahman
7 | Suriya
8 | Trisha Krishnan
9 | Bobby Simha
10 | Vijay Sethupathi
                                                           PRI | NULL
| NULL
| NULL
| NULL
 Movie_ID | int(11) | NO
Title | varchar(100) | YES
Release_Year | year(4) | YES
Duration_Minutes | int(11) | YES
 rows in set (0.031 sec)
 Field | Type | Null | Key | Default | Extra

Artist_ID | int(11) | NO | PRI | NULL | auto_

Artist_Name | varchar(50) | YES | NULL |
 rows in set (0.031 sec)
ariaDB [IMDB]> describe artist_roles;
Field | Type | Null | Key | Default | Extra
 Artist ID | int(11) | NO | PRI | NULL | Skill_ID | int(11) | NO | PRI | NULL | rows in set (0.032 sec)
 Genre_ID | int(11) | NO | PRI | NULL
Genre_Name | varchar(255) | YES | NULL
 rows in set (0.027 sec)
ariaDB [IMDB]> describe reviews;
                                                                             auto_increment
 PRI | NULL
| MUL | NULL
| MUL | NULL
| NULL
| NULL
| NULL
 rows in set (0.033 sec)
 ariaDB [IMDB]> describe roles;
 Field | Type | Null | Key | Default | Extra
Role_ID | int(11) | NO | PRI | NULL
Roll_Name | varchar(255) | YES | NULL
rows in set (0.031 sec)
Field | Type | Null | Key | Default | Extra
| Skill ID | int(11) | NO | PRI | NULL | auto_i
| Skill_Name | varchar(255) | YES | NULL |
                                                                         | auto_increme
 rows in set (0.029 sec)
 Field | Type | Null | Key | Default | Extra
 User_ID | int(11) | NO | PRI | NULL
Username | varchar(50) | NO | | NULL
```

```
riaDB [IMDB]> select * artist;
OR 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 'artist' at
  NON 1907
ne 1
nriaDB [IMDB]> select * from artist;
                  1 | Kamal Haasan
2 | Rajinikanth
3 | Mammootty
4 | Mani Ratnam
5 | Gautham Vasudev M
6 | A.R. Rahman
7 | Suriya
8 | Trisha Krishnan
9 | Bobby Simha
10 | Vijay Sethupathi
l0 rows in set (0.002 sec)
ariaDB [IMDB]> select * from artist_roles;
  Artist_ID | Movie_ID | Role_ID |
  ariaDB [IMDB]> select * from artist_skills;
ariaDB [IMDB]> select * from genre;
Genre_ID | Genre_Name |
                       Romance
Drama
Action
Thriller
Crime
Musical
  rows in set (0.001 sec)
lariaD8 [IMD8]> select * from dedis;
RRKOR 1146 (42502): Table 'imdb.dedis' doesn't exist
lariaD8 [IMD8]> select * from media;
Media_ID | Movie_ID | Media_Type | Media_URL
                                                                                      https://example.com/mouna_ragam.mp4
https://example.com/mouna_ragam.mp4
https://example.com/navagam.poster.jpg
https://example.com/navjagam.mp4
https://example.com/navjagam.mp4
https://example.com/navjagam.mp4
https://example.com/navjam.mp4
https://example.com/kaakha_kaakha_poster.jpg
https://example.com/vetaiyaadu.vilaiyaadu.mp4
https://example.com/vinnaithaandi_varuvaayaa_poster.jpg
https://example.com/vinnaithaandi_varuvaayaa_hoster.jpg
https://example.com/vinnaithaandi_varuvaayaa_hoster.jpg
https://example.com/jigarthanda_poster.jpg
                                                      Video
Image
Video
Video
Image
Video
Image
Video
Image
Video
Image
  l rows in set (0.001 sec)
  ariaDB [IMDB]> select * from movie_genre;
  Movie_ID | Genre_ID |
 8 rows in set (0.001 sec)
ariaDB [IMDB]> select * from movie;
RROR 1146 (42502): Table 'imdb.movie' doesn't exist
ariaDB [IMDB]> select * from movies;
                                                                                                                                  Duration_Minutes
                           Mouna Ragam
Nayagan
Thalapathi
Roja
Indian
Kaakha Kaakha
Vettaiyaadu Vilaiyaadu
Vinnaithaandi Varuvaayaa
                                                                                                                  1986
1987
1991
1992
1996
2003
2006
2010
2016
2014
                           Aruvi
Jigarthanda
```