create database imdb

use imdb

**-- 1. Movie should have multiple media(Video or Image)**

create table Movie(

id int auto\_increment,

Movie\_name varchar(255) not null,

date\_published varchar(255) not null,

duration varchar(255) not null,

Director varchar(255) not null,

Stars varchar(500) not null,

img\_id int not null,

img\_url varchar(500) not null,

createdAt timestamp default current\_timestamp,

updatedAt timestamp on update current\_timestamp,

primary key(id)

)

insert into Movie(Movie\_name,date\_published,duration,Director,Stars,img\_url,img\_id)

values('Fire N Ice', '14-01-2023', '2hrs 33min', 'Vionth', 'Anna, John, Kane', 'https://th.bing.com/th/id/OIP.o4Dcc66AW0VkM\_c6Hdb4FgHaLH?w=115&h=180&c=7&r=0&o=5&dpr=1.1&pid=1.7', 1),

('Lost Pearls', '14-01-2023', '2hrs 43min', 'Vanda', 'Lester, Shane, Ralph, Mason ', 'https://th.bing.com/th/id/OIP.GEZFSvfLMFf2KKvXRm5etQHaEK?w=323&h=180&c=7&r=0&o=5&dpr=1.1&pid=1.7', 2)

select \* from Movie

**-- 2. Movie can belongs to multiple Genre**

create table Genre(

id int not null auto\_increment,

Genre\_id int,

Genre varchar(255),

primary key(id),

foreign key(Genre\_id) references Movie(id)

)

insert into Genre(Genre\_id,Genre) values(1, 'Action, Adventure, Thriller'),

(2, 'Action, Drama')

select \* from Genre

**-- 3. Movie can have multiple reviews and Review can belongs to a user**

create table Reviews(

id int not null auto\_increment,

user\_id int,

user\_name varchar(255) not null,

rating int not null,

primary key(id),

foreign key(user\_id) references Movie(id)

)

insert into Reviews(user\_id, user\_name, rating) values(1, 'Lee', 7),

(2, 'Kira', 8);

select \* from Reviews

**-- 4. Artist can have multiple skills**

create table Skills(

id int not null auto\_increment,

Artist\_name varchar(255),

Artist\_id int,

Skills varchar(255),

primary key(id),

foreign key(Artist\_id) references Movie(id)

)

insert into Skills(Artist\_name,Artist\_id,Skills) values('Rainne', 1, 'actor, director, producer'),

('Lily', 2, 'actor, producer, lyrist')

select \* from Skills

**-- 5. Artist can perform multiple role in a single film**

create table Role(

id int not null auto\_increment,

Artist\_id int,

Artist\_name varchar(255),

movie\_name varchar(255),

Artist\_role varchar(255),

primary key(id),

foreign key(Artist\_id) references Movie(id)

)

insert into Role(Artist\_id,Artist\_name,movie\_name,Artist\_role)

values(1, 'Larry', 'Daemon', 'Actor, producer, lyricist, writer'), (2, 'Gigi', 'Where Rivers Met', 'Actor, producer, story writer')

select \* from Role