**IMDB Design a DB for IMDB**

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

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

**3. Movie can have multiple reviews and Review can belongs to a user 4. Artist can have multiple skills**

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

create database imdb

use imdb

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

create table movies (

Id int not null auto\_increment

name varchar(255),

media varchar(255),

primary key(id)

)

insert into movies (id, name, media), values

(1, ‘Avengers’, ‘image’),

(1, Inception, ‘image’),

(1, Titanic, ‘image’),

(1, GodFather, ‘image’),

(1, Avatar, ‘image’)

select \* movies

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

alter table movies add column genre varchar(255) default null

insert into movies (genre) values( ‘Action’, ‘Thriller’, ‘Drama’, ‘Adventure’, ‘Cartoon’)

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

alter table movies add column reviews varchar(255) default null

insert into movies (reviews) values (4, 3.5, 4.8, 5, 3.9)

alter table movies add column users varchar(255) default null

insert into movies (user1, user2, user3, user4, user5)

**4. Artist can have multiple skills**

alter table movies add column artists varchar(255) default null

insert into movies (artists) values (‘Tom Cruise’, ‘Vin Diesel’, ‘Leonardo Dicaprio’, ‘Will Smith’, ‘Rock’)

insert into movies (Tom Cruise, Vin Diesel, Leonardo Dicaprio, Will Smith, Rock) values (‘Drama’, ‘Cinematography’, ‘ScreenWriting’, ‘Editing’, ‘FilmMaking’)

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

alter table movies add column role varchar(255) default null

insert into movies (‘Tom Cruise’) values (‘Hero’, ‘Villain’)