**CREATING DATABASE AND TABLES:**

create database IMDB;

use IMDB;

Create table MOVIE(

MOVIE\_ID INT auto\_increment primary key,

MOVIE\_TITLE Varchar(200),

RELEASE\_YEAR INT,

DIRECTOR Varchar(50),

Rating Decimal(2,1));

Create table MEDIA(

MEDIA\_ID INT auto\_increment primary key,

MOVIE\_ID INT,

MEDIA\_TYPE Enum('Image', 'Video'),

URL text,

foreign key (MOVIE\_ID) references MOVIE(MOVIE\_ID));

create table SKILLS(

SKILL\_ID INT auto\_increment primary key,

SKILL\_DESC Varchar(50));

create table ARTIST(

ARTIST\_ID INT,

ARIST\_NAME Varchar(50),

SKILL\_ID INT,

primary key (ARTIST\_ID, SKILL\_ID),

foreign key (SKILL\_ID) references SKILLS(SKILL\_ID));

Create table MOVIE\_ROLES(

MOVIE\_ID INT,

ARTIST\_ID INT,

ROLES Varchar (25),

Primary key (MOVIE\_ID, ARTIST\_ID, ROLES),

Foreign key (MOVIE\_ID) references MOVIE(MOVIE\_ID),

Foreign key (ARTIST\_ID) references ARTIST(ARTIST\_ID));

create table GENRE(

GENRE\_ID INT auto\_increment primary key,

GENRE\_DESC varchar(100));

create table MOVIE\_GENRE(

MOVIE\_ID INT,

GENRE\_ID INT,

primary key(MOVIE\_ID,GENRE\_ID),

Foreign key (MOVIE\_ID) references MOVIE(MOVIE\_ID),

Foreign key (GENRE\_ID) references GENRE(GENRE\_ID));

create table IMDB\_USER(

USER\_ID INT auto\_increment primary key,

USER\_NAME Varchar(50));

create table USER\_REVIEWS(

REVIEW\_ID INT auto\_increment primary key,

MOVIE\_ID INT,

USER\_ID INT,

REVIEW text,

Foreign key (MOVIE\_ID) references MOVIE(MOVIE\_ID),

Foreign key (USER\_ID) references IMDB\_USER(USER\_ID));

**INSERTING VALUES TO THE TABLES:**

Insert into MOVIE(MOVIE\_TITLE, RELEASE\_YEAR, DIRECTOR, Rating) values

('Inception', 2010, 'Christopher Nolan' ,9.0),

('The Lord of the Rings: The Return of the King',2003, 'Peter Jackson', 8.9),

('Parasite', 2019, 'Bong Joon-ho',8.6);

Insert into MEDIA(MOVIE\_ID, MEDIA\_TYPE, URL) values

(1, 'Video', 'https://imdb.com/inceptionmovie.mp4'),

(2, 'Image', 'https://imdb.com/thelordoftherings.jpg'),

(3, 'Video', 'https://imdb.com/parasite.mp4');

insert into SKILLS(SKILL\_DESC) values

('Acting'), ('Dubbing'), ('Editing'), ('Singing'),('Cinematography'),

('Animation'),('Composing'),('Stunt');

insert into ARTIST(ARTIST\_ID, ARIST\_NAME, SKILL\_ID) values

(1, 'Emma Watson', 1), (2, 'A.R. Rahman', 7), (2, 'A.R.Rahman', 4),

(3, 'Leonardo', 1), (3, 'Leonardo', 8);

insert into MOVIE\_ROLES(MOVIE\_ID, ARTIST\_ID, ROLES) values

(1, 1, 'Lead Actor'), (1, 2, 'Guest Role'), (1, 3, 'Supporting Actor'),

(2, 1, 'Lead Actor'), (2, 1, 'Villan'), (2, 2, 'Music') ,

(3, 3, 'Lead Actor'), (3, 1, 'Comedian');

insert into GENRE(GENRE\_DESC) values

('Horror'), ('Action'), ('Thriller'), ('Drama'), ('Romance'), ('Comedy');

insert into MOVIE\_GENRE(MOVIE\_ID, GENRE\_ID) values

(1,1), (1, 5), (2, 2), (2, 5), (3, 3), (3, 6);

insert into IMDB\_USER(USER\_ID, USER\_NAME) values

(1, 'Nithya'), (2, 'Kala'), (3, 'Vani'), (4, 'Sekar');

insert into USER\_REVIEWS(MOVIE\_ID,USER\_ID,REVIEW) values

(1, 1, 'Must see film') , (1, 2, 'The acting of Lead actor ia superb'),

(2, 1, 'Music is backbone for this movie'),

(2, 4, 'The film is worthy to watch');