PROJECT FSQL MOVIE DATABASE

MOVIE DATABASE

QUERY:

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QUERY :

create database movie\_db;

use movie\_db;

create table movie(

mov\_id int primary key auto\_increment,

mov\_title varchar(50) not null,

mov\_year int not null,

mov\_time int not null,

mov\_lang varchar(50),

mov\_dt\_rel date,

mov\_rel\_country varchar(50));

desc movie;

create table actor(

act\_id int primary key auto\_increment,

act\_fname varchar(20) not null,

act\_lname varchar(20),

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

desc actor;

create table movie\_cast(

act\_id int,

mov\_id int,

role varchar(20),

foreign key(act\_id) references actor(act\_id),

foreign key(mov\_id) references movie(mov\_id));

desc movie\_cast;

\*\*\*\* movie table

insert into movie values(1,'shehzada','2023','6','hindi','2023-02-17','india'),

(2,'selfiee','2023','3','hindi','2023-02-24','india'),

(3,'gadar2','2023','3','hindi','2023-08-11','india'),

(4,'omg2','2023','12','hindi','2023-08-11','india'),

(5,'dream\_girl2','2023','12','hindi','2023-08-25','india'),

(6,'the\_kerla\_story','2023','9','hindi','2023-05-05','india');

select \* from movie;

\*OUTPUT:

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

mov\_id | mov\_title | mov\_year| mov\_time | mov\_lang | mov\_dt\_rel | mov\_rel\_country |

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

| 1 | shehzada | 2023 | 6 | hindi | 2023-02-17 | india |

| 2 | selfiee | 2023 | 3 | hindi | 2023-02-24 | india |

| 3 | gadar2 | 2023 | 3 | hindi | 2023-08-11 | india |

| 4 | omg2 | 2023 | 12 | hindi | 2023-08-11 | india |

| 5 | dream\_girl2 | 2023 | 12 | hindi | 2023-08-25 | india |

| 6 | the\_kerla\_story | 2023 | 9 | hindi | 2023-05-05 | india |

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\*\*\* actor table

insert into actor values(1,'kartik','aryan','M'),

(2,'akshay','kumar','M'),

(3,'sunny','deol','M'),

(4,'akshay','kumar','M'),

(5,'ayushmann','khurrana','M'),

(6,'ananya','panday','F'),

(7,'adah','sharma','F');

select \* from actor;

\*output:

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

| act\_id| act\_fname | act\_lname | act\_gender|

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

| 1 | kartik | aryan | M |

| 2 | akshay | kumar | M |

| 3 | sunny | deol | M |

| 4 | akshay | kumar | M |

| 5 | ayushmann | khurrana | M |

| 6 | ananya | panday | F |

| 7 | adah | sharma | F |

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

\*\*\* movie\_cast table

insert into movie\_cast values(1,1,'bantu'),

(2,2,'vijay\_kumar'),

(3,3,'tara\_singh'),

(4,4,'shiva'),

(5,5,'karam'),

(6,5,'Pari'),

(7,6,'shalini\_unnikrishna');

select \* from movie\_cast;

\* OUTPUT

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

| act\_id | mov\_id | role |

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

| 1 | 1 | bantu |

| 2 | 2 | vijay\_kumar |

| 3 | 3 | tara\_singh |

| 4 | 4 | shiva |

| 5 | 5 | karam |

| 6 | 5 | Pari |

| 7 | 6 | shalini\_unnikrishna |

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create table director(

dir\_id int primary key auto\_increment,

dir\_fname varchar(20) not null,

dir\_lname varchar(20));

desc director;

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));

desc movie\_direction;

\*\*\* director table:

insert into director values(101,'rohit','dhawan'),

(102,'raj','mehta'),

(103,'anil','sharma'),

(104,'amit','rai'),

(105,'raaj','shaandilyaa'),

(106,'sudipto','sen');

select\* from director;

\* OUTPUT

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

| dir\_id | dir\_fname | dir\_lname |

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

| 101 | rohit | dhawan |

| 102 | raj | mehta |

| 103 | anil | sharma |

| 104 | amit | rai |

| 105 | raaj | shaandilyaa |

| 106 | sudipto | sen |

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

\*\*\* movie\_direction table

insert into movie\_direction values(101,1),

(102,2),

(103,3),

(104,4),

(105,5),

(106,6);

select \* from movie\_direction;

\* OUTPUT:

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

| dir\_id | mov\_id |

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

| 101 | 1 |

| 102 | 2 |

| 103 | 3 |

| 104 | 4 |

| 105 | 5 |

| 106 | 6 |

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

create table genres(

gen\_id int primary key auto\_increment,

gen\_title varchar(30) not null);

desc genres;

create table movie\_genres

(mov\_id int,

gen\_id int,

foreign key(mov\_id) references movie(mov\_id),

foreign key(gen\_id) references genres(gen\_id));

desc movie\_genres;

\*\*\*genres table:

insert into genres values(1001,'action'),

(1002,'comedy'),

(1003,'drama'),

(1004,'thriller'),

(1005,'Adventure'),

(1006,'romance'),

(1007,'crime'),

(1008,'historical\_drama');

select \* from genres;

\*OUTPUT:

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

| gen\_id | gen\_title |

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

| 1001 | action |

| 1002 | comedy |

| 1003 | drama |

| 1004 | thriller |

| 1005 | Adventure |

| 1006 | romance |

| 1007 | crime |

| 1008 | historical\_drama |

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

\*\*\* movie\_genres table :

insert into movie\_genres values(2,1001),(2,1002),(2,1004),

(3,1001),(3,1005),

(4,1002),(4,1003),

(5,1002),(5,1003),(5,1006),

(6,1007),(6,1008);

select \* from movie\_genres;

\*OUTPUT:

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

| mov\_id | gen\_id

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

| 1 | 1001 |

| 1 | 1002 |

| 1 | 1003 |

| 2 | 1001 |

| 2 | 1002 |

| 2 | 1004 |

| 3 | 1001 |

| 3 | 1005 |

| 4 | 1002 |

| 4 | 1003 |

| 5 | 1002 |

| 5 | 1003 |

| 5 | 1006 |

| 6 | 1007 |

| 6 | 1008 |

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

create table reviewer(

rev\_id int primary key,

rev\_name varchar(50) not null);

desc reviewer;

create table rating(

mov\_id int,

rev\_id int,

rev\_stars float,

num\_o\_ratings int,

foreign key(mov\_id) references movie(mov\_id),

foreign key(rev\_id) references reviewer(rev\_id));

desc rating;

\*\*\* reviewer table:

insert into reviewer values(3001,'amit\_jain'),

(3002,'arman\_jadhav'),

(3003,'payal\_joshi'),

(3004,'palak\_sharma'),

(3005,'neel\_parikh'),

(3006,'komal patil'),

(3007,'manan\_patil');

select \* from reviewer;

\*OUTPUT:

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

| rev\_id | rev\_name

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

| 3001 | amit\_jain |

| 3002 | arman\_jadhav |

| 3003 | payal\_joshi |

| 3004 | palak\_sharma |

| 3005 | neel\_parikh |

| 3006 | komal patil |

| 3007 | manan\_patil |

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

\*\*\* rating table:

insert into rating values(1,3001,8.65,12350),

(2,3002,8.25,5434),

(3,3003,9.15,54634),

(4,3004,7.24,4631),

(5,3005,8.55,6319),

(6,3006,7,4000),

(5,3007,6.55,2110);

select \* from rating;

\*OUTPUT:

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

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

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

| 1 | 3001 | 8.65 | 12350 |

| 2 | 3002 | 8.25 | 5434 |

| 3 | 3003 | 9.15 | 54634 |

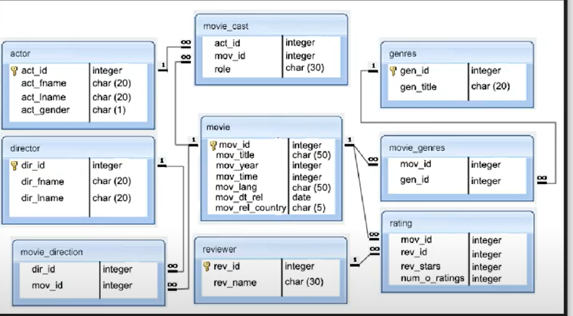
| 4 | 3004 | 7.24 | 4631 |

| 5 | 3005 | 8.55 | 6319 |

| 6 | 3006 | 7 | 4000 |

| 5 | 3007 | 6.55 | 2110 |

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