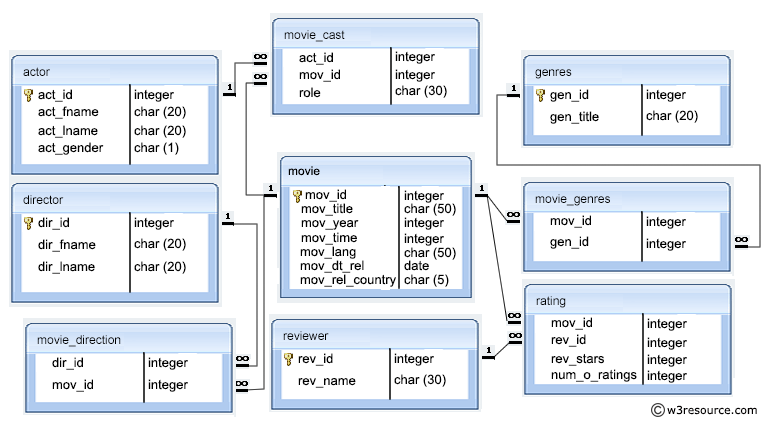
**Project** – **Movie database(movie\_db) using SQL**



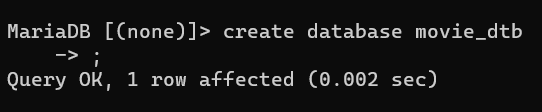
I have done this Project by using Xampp Control Panel, Command Prompt and using Browser to open local host admin page.

**Step by Step Guide**: -

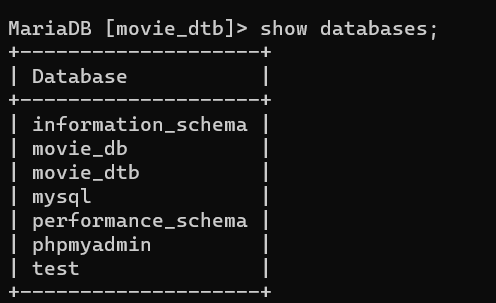
* Firstly open the Xampp Control Panel and start the Apache Module and MySQL Module by clicking the start button in front of them.
* Open the localhost page of your Browser
* Open Command Prompt and change your directory address as per your details by using **cd\** command.
* Connect it with your admin page by using **mysql -h localhost -u root.**
* Create a database by using **create database;** command
* Now Create a database movie\_db by using

**create database movie\_dtb;**

1. **Created database movie\_dtb**

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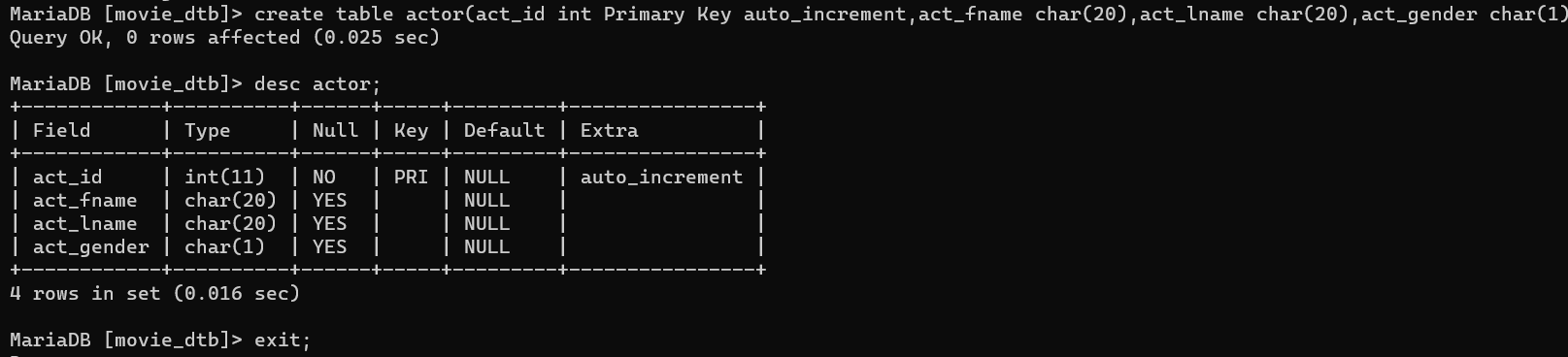
By using **show databases;** command you cancheck if the database has been created or not.

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**Creation of tables inside movie\_dtb database.**

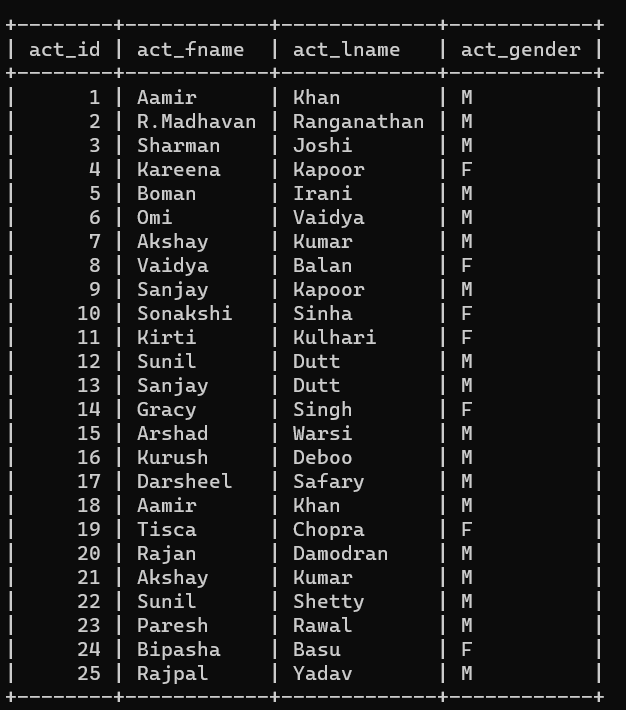
1. **actor table**

**create table actor (act\_id int Primary Key auto\_increment,act\_fname char(20),act\_lname char(20),act\_gender char(1));**



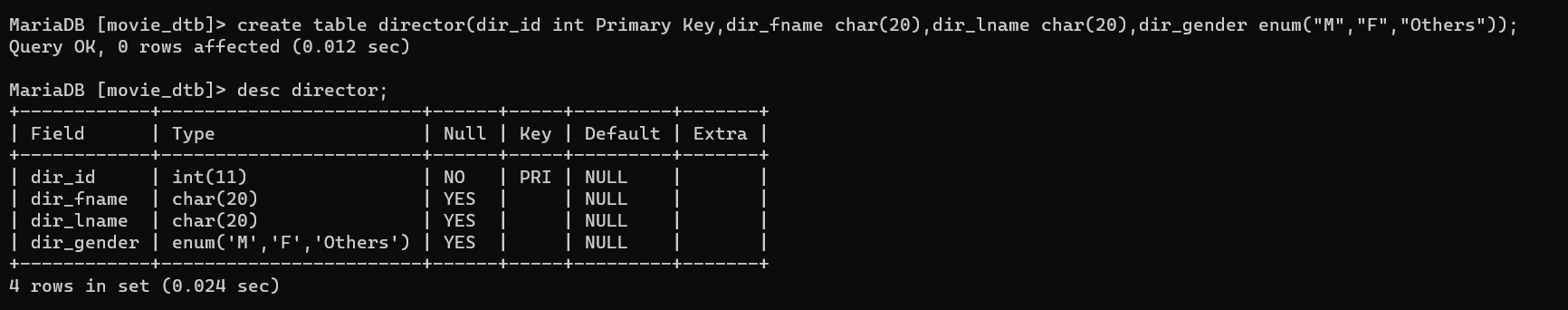
**Inserting values into actor**

**insert into actor values (1,"Aamir","Khan","M"),(2,"R.Madhavan","Ranganathan","M"),(3,"Sharman","Joshi","M"),(4,,"Kareena","Kapoor","F"),(5,"Boman","Irani","M"),(6,"Omi","Vaidya","M"),(7,"Akshay","Kumar","M"),(8,"Vidya","Balan","F"),(9,"Sanjay","Kapoor","M"),(10,"Sonakshi","Sinha","F"),(11,"Kirti","Kulhari","F"),(12,"Sunil","Dutt","M"),(13,"Sanjay","Dutt","M"),(14,"Gracy","Singh","F"),(15,"Arshad","Warsi","M"),(16,"Kurush","Deboo","M"),(17,"Darsheel","Safary","M"),(18,"Aamir","Khan","M"),(19,"Tisca","Chopra","F"),(20,"Rajan","Damodran","M"),(21,"Akshay","Kumar","M"),(22,"Sunil","Shetty","M"),(23,"Paresh","Rawal","M"),(24,"Bipasha","Basu","F"),(25,"Rajpal","Yadav","M");**

****

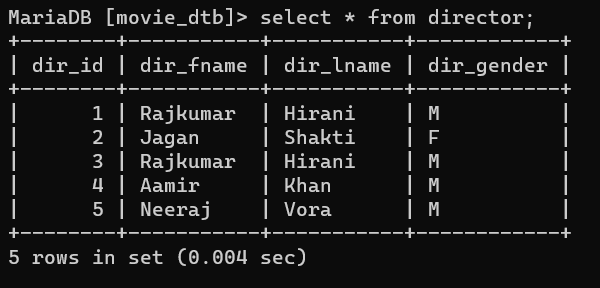
1. **director table**

**create table director(dir\_id int Primary Key,dir\_fname char(20),dir\_lname char(20),dir\_gender enum("M","F","Others"));**

****

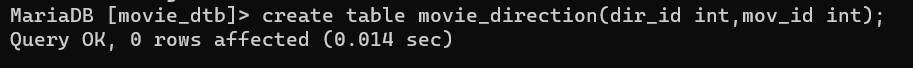
**Inserting values into director**

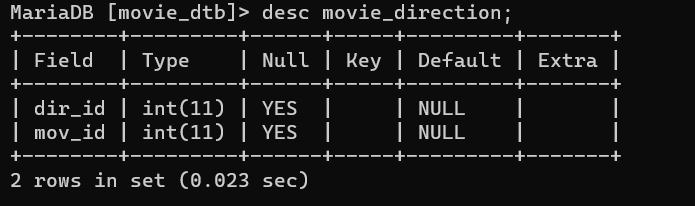
insert into director values **(1,"Rajkumar","Hirani","M"),(2,"Jagan","Shakti","F"),(3,"rajkumar","Hirani","M"),(4,"Aamir","Khan","M"),(5,"Neeraj","Vora","M");**



1. **movie\_direction table**

**create table movie\_direction(dir\_id int,mov\_id int);**

****

****

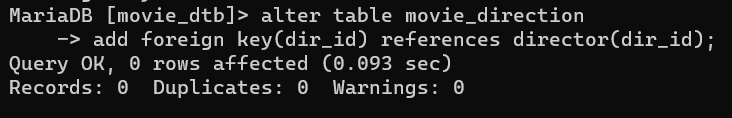
**Adding Foreign key in movie\_direction**

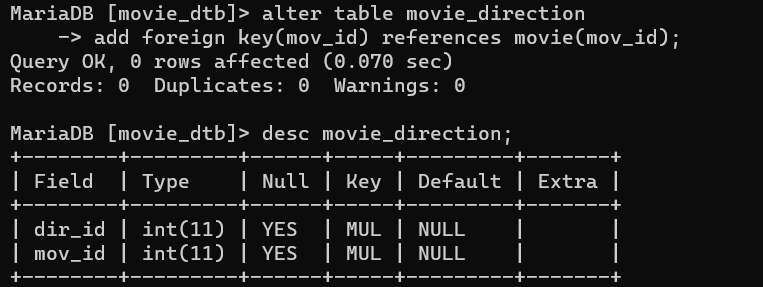
1. **alter table movie\_direction**

**->add foreign key(dir\_id) references director(dir\_id);**

**2) alter table movie\_direction**

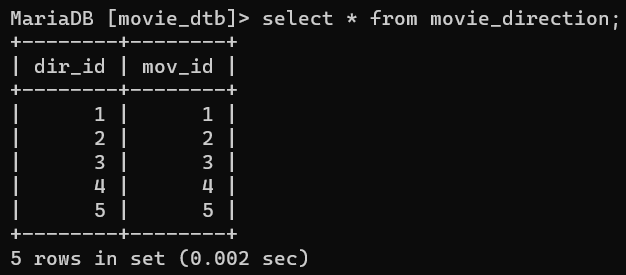
**-> add foreign key(mov\_id) references movie(mov\_id);**



****

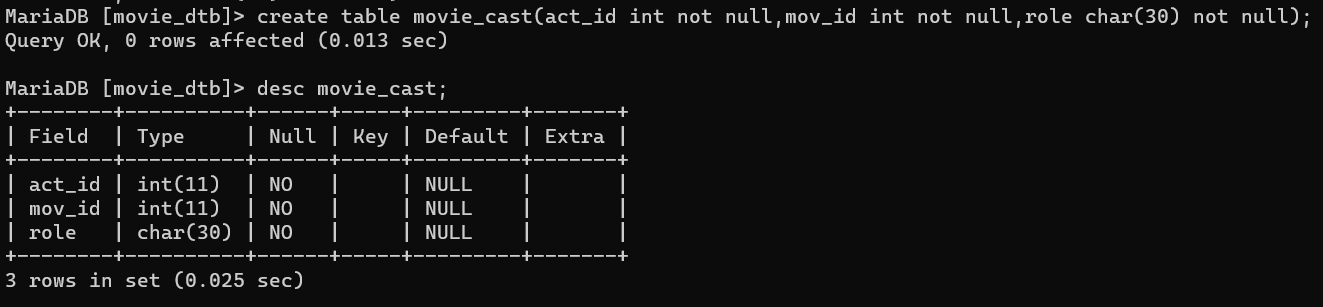
**Inserting values into movie\_direction**

**insert into movie\_direction values(1,1),(2,2),(3,3),(4,4),(5,5);**

****

1. **movie\_cast table**

**create table movie\_cast(act\_id int not null,mov\_id int not null,role char(30) not null);**

****

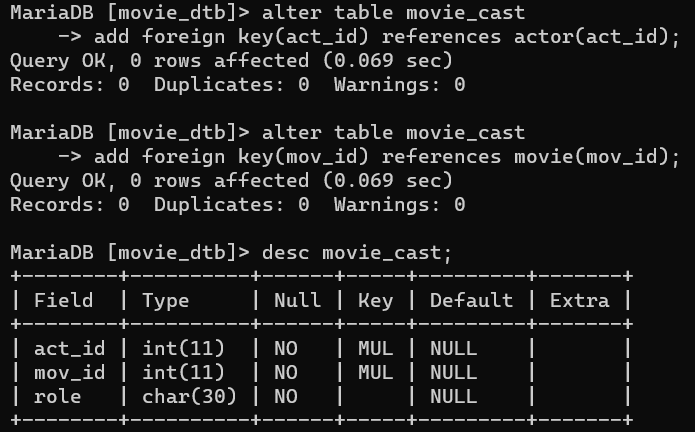
**Adding Foreign key in movie\_direction**

**1) alter table movie\_cast**

**-> add foreign key(act\_id) references actor(act\_id);**

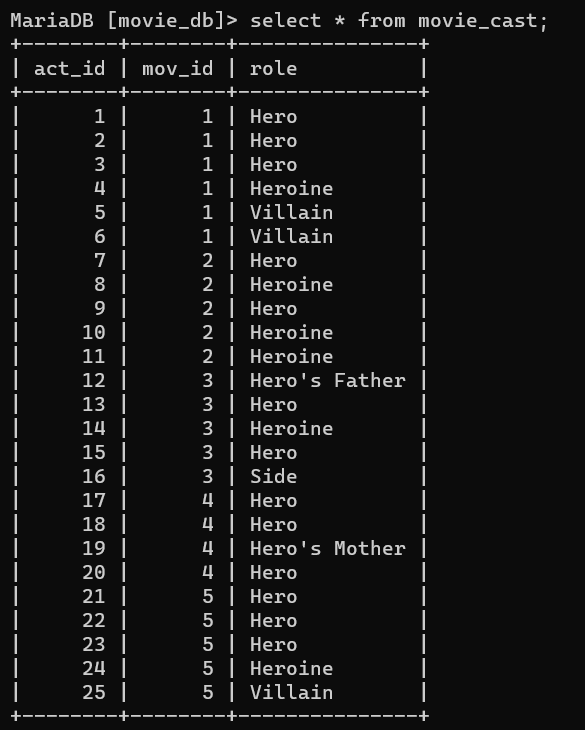
**2) alter table movie\_cast**

**-> add foreign key(mov\_id) references movie(mov\_id);**

****

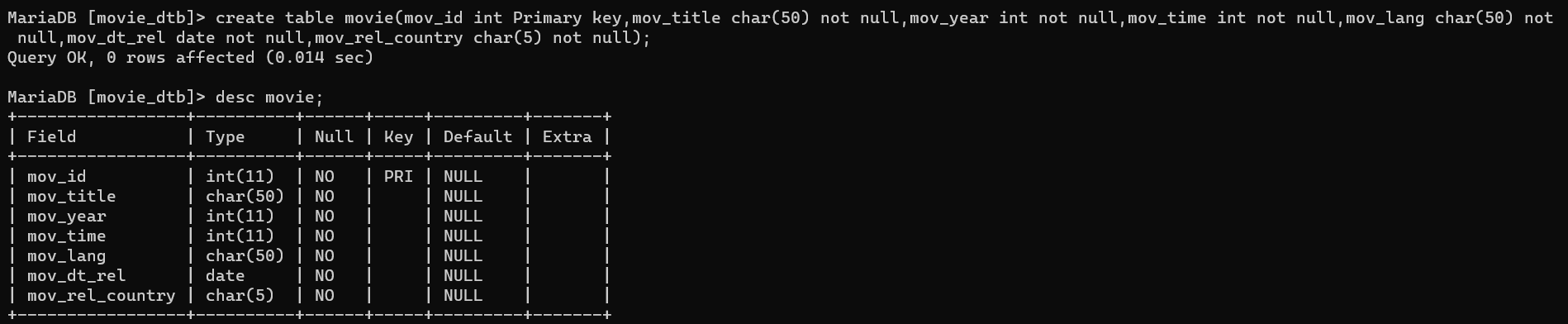
**Inserting values into movie\_cast**

**insert into movie\_cast values(1,1,"Hero"),(2,1,"Hero"),(3,1,"Hero"),(4,1,"Heroine"),(5,1,"Villain"),(6,1,"Villain"),(7,2,"Hero"),(8,2,"Heroine"),(9,2,"Hero"),(10,2,"Heroine"),(11,2,"Heroine"),(12,3,"Hero'sFather"),(13,3,"Hero"),(14,3,"Heroine"),(15,3,"Hero"),(16,3,"Side"),(17,4,"Hero"),(18,4,"Hero"),(19,4,"Hero'sMother"),(20,4,"Hero"),(21,5,"Hero"),(22,5,"Hero"),(23,5,"Hero"),(24,5,"Heroine"),(25,5,"Villain");**

****

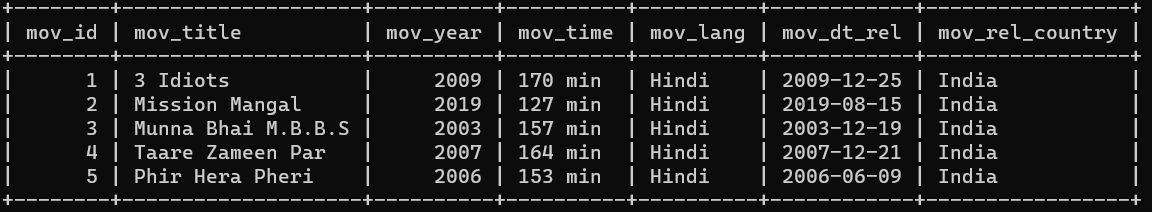
1. **movie table**

**create table movie(mov\_id int Primary key,mov\_title char(50) not null,mov\_year int not null,mov\_time int not null,mov\_lang char(50) not null,mov\_dt\_rel date not null,mov\_rel\_country char(5) not null);**

****

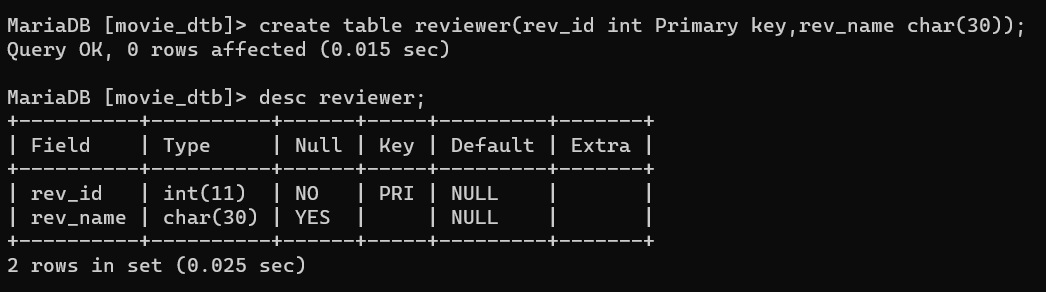
**Inserting values into movie**

**insert into movie values(1,"3 Idiots",2009,"170 min","Hindi","2009-12-25","India"),(2,"Mission Mangal",2019,"127 min","Hindi","2019-08-15","India"),(3,"Munna Bhai M.B.B.S",2003,"157 min","Hindi","2003-12-19","India"),(4,"Taare Zameen Par",2007,"164 min","Hindi","2007-12-21","India"),(5,"Phir Hera Pheri",2006,"153 min","Hindi","2006-06-09","India");**

****

1. **reviewer table**

**create table reviewer(rev\_id int Primary key,rev\_name char(30));**

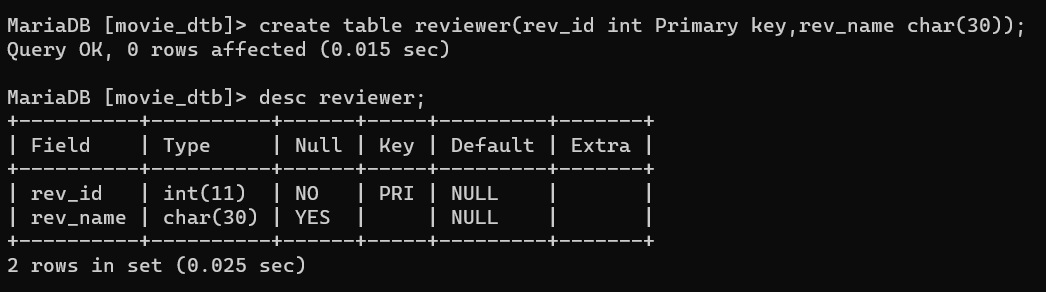
****

**Insert into reviewer values (1,"Rohan"),(2,"Viraj"),(3,"Kartik"),(4,"Vishal"),(5,"Rahul"),(6,"Raj"),(7,"Harsh"),(8,"Kartik"),(9,"Raghav"),(10,"Vishal"),(11,"Alas"),(12,"Riya"),(13,"Priya"),(14,"Remo"),(15,"Nitin"),(16,"Vipul"),(17,"Ishwar"),(18,"Vaibhav"),(19,"Mahesh"),(20,"Omkar"),(21,"Rahul"),(22,"Abhi"),(23,"Vivek"),(24,"Rutik"),(25,"Santosh");**

****

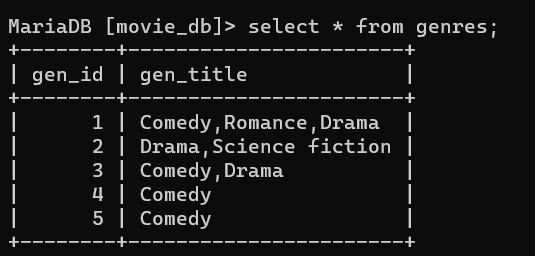
1. **genres table**

**create table genres(gen\_id int Primary key,gen\_title char(20));**

****

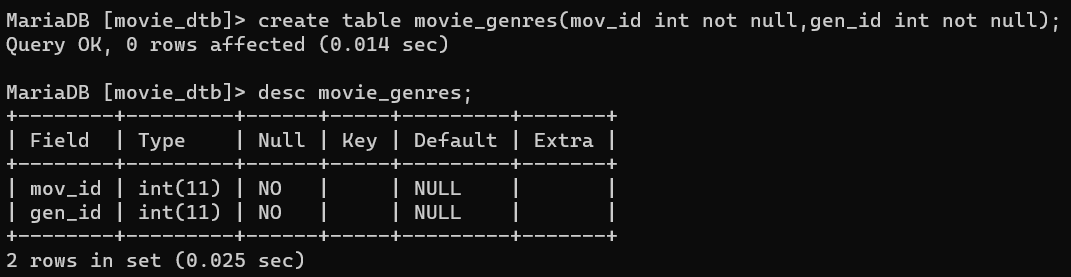
**Inserting values into genres**

**insert into genres values(1,”Comedy,Romance,Drama”),(2,”Drama,Science Fiction”),(3,”Comedy,Drama”),(4,”Comedy”),(5,”Comedy”);**

****

1. **movie\_genres**

**create table movie\_genres(mov\_id int not null,gen\_id int not null);**

****

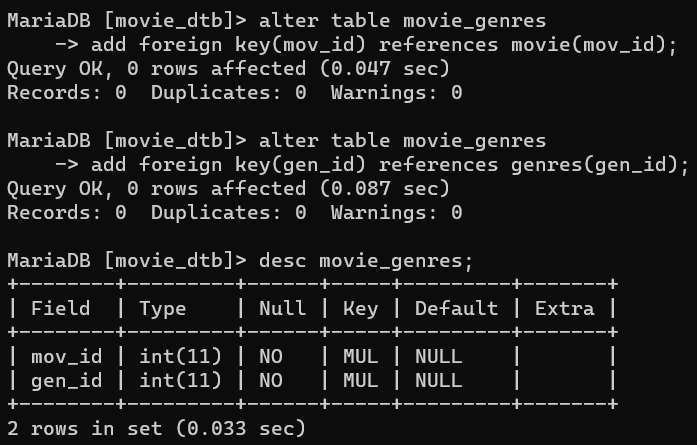
**Adding Foreign key in movie\_genres**

**1) alter table movie\_genres**

**-> add foreign key(mov\_id) references movie(mov\_id);**

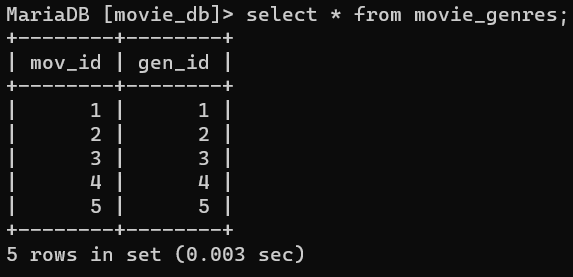
**2) alter table movie\_genres**

**-> add foreign key(gen\_id) references genres(gen\_id);**

****

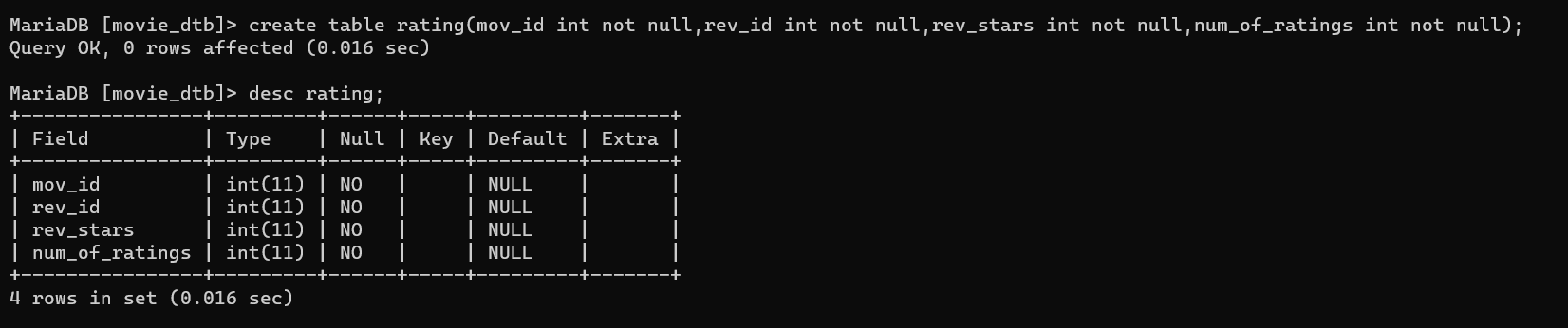
**Inserting values into movie\_genres**

**insert into movie\_genres values(1,1),(2,2),(3,3),(4,4),(5,5);**

****

1. **rating**

**create table rating(mov\_id int not null,rev\_id int not null,rev\_stars int not null,num\_of\_ratings int not null);**

****

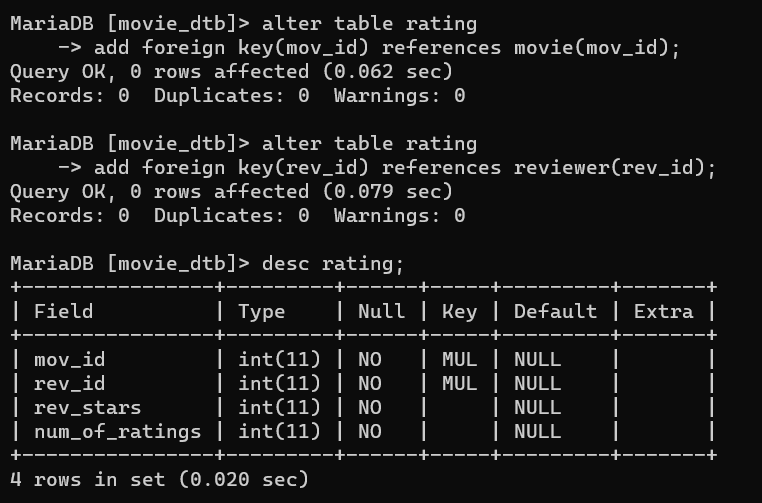
**Adding Foreign key in rating**

1. **alter table rating**

**-> add foreign key(mov\_id) references movie(mov\_id);**

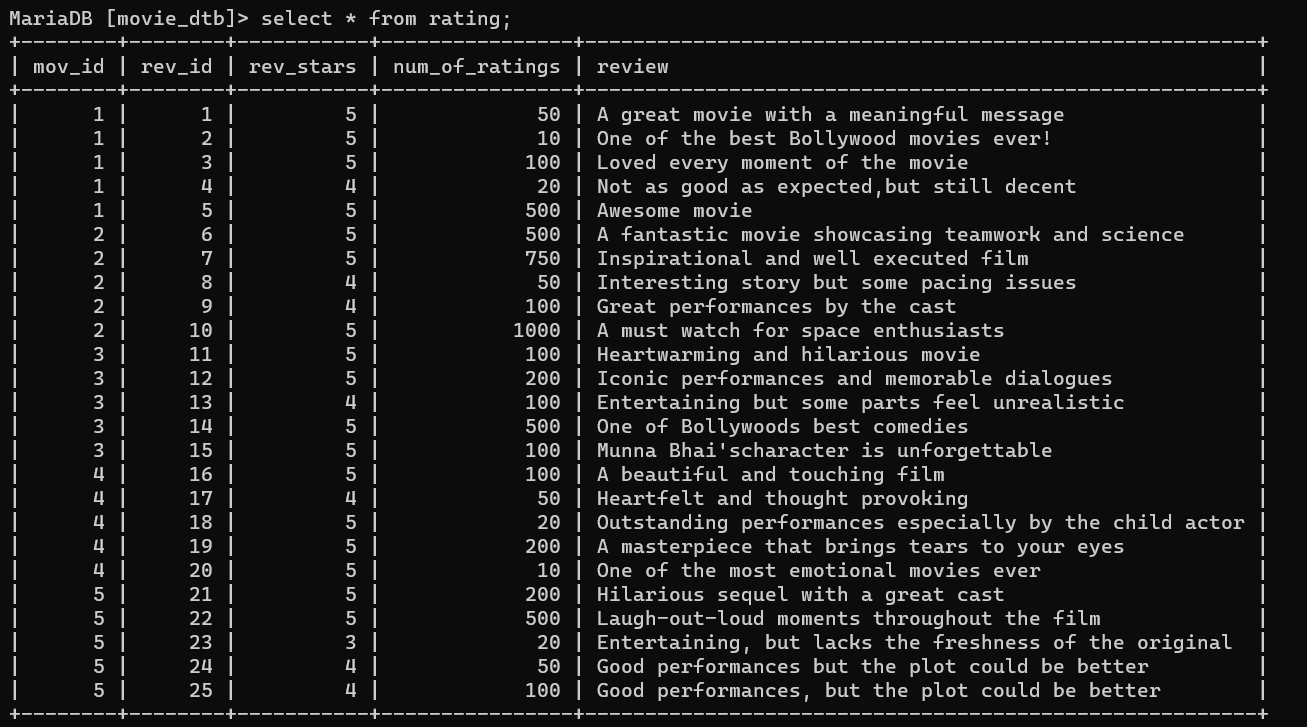
1. **alter table rating**

**-> add foreign key(rev\_id) references reviewer(rev\_id);**

****

**Inserting into rating values**

**insert into rating values(1,1,4.5,50,"A great movie with a meaningful message"),(1,2,4.7,10,"One of the best Bollywood movies ever!"),(1,3,5,100,"Loved every moment of the movie"),(1,4,3.5,20,"Not as good as expected,but still decent"),(1,5,4.5,500,"Awesome movie"),(2,6,4.5,500,"A fantastic movie showcasing teamwork and science"),(2,7,4.8,750,"Inspirational and well executed film"),(2,8,3.5,50,"Interesting story but some pacing issues"),(2,9,4,100,"Great performances by the cast"),(2,10,5,1000,"A must watch for space enthusiasts"),(3,11,4.5,100,"Heartwarming and hilarious movie"),(3,12,4.8,200,"Iconic performances and memorable dialogues"),(3,13,3.5,100,"Entertaining but some parts feel unrealistic"),(3,14,5,500,"One of Bollywoods best comedies"),(3,15,4.6,100,"Munna Bhai'scharacter is unforgettable"),(4,16,4.9,100,"A beautiful and touching film"),(4,17,4.2,50,"Heartfelt and thought provoking"),(4,18,4.5,20,"Outstanding performances especially by the child actor"),(4,19,5,200,"A masterpiece that brings tears to your eyes"),(4,20,4.8,10,"One of the most emotional movies ever"),(5,21,4.5,200,"Hilarious sequel with a great cast"),(5,22,4.8,500,"Laugh-out-loud moments throughout the film"),(5,23,3.2,20,"Entertaining, but lacks the freshness of the original"),(5,24,4,50,"Good performances but the plot could be better"),(5,25,4,100,"Good performances, but the plot could be better");**

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