.Consider the schema for Movie Database:

```
ACTOR(Act_id, Act_Name, Act_Gender)
DIRECTOR(Dir_id, Dir_Name, Dir_Phone)
MOVIES(Mov_id, Mov_Title, Mov_Year, Mov_Lang, Dir_id)
MOVIE_CAST(Act_id, Mov_id, Role)
RATING(Mov_id, Rev_Stars)
```

CREATE SCHEMA MOVIE;

ACTOR

```
CREATE TABLE `movie`.`actor` (
`act_id` INT NOT NULL,
`act_name` VARCHAR(45) NOT NULL,
`act_gender` VARCHAR(45) NOT NULL,
PRIMARY KEY (`act_id`));
```

DIRECTOR

```
CREATE TABLE `movie`.`director` (
`dir_id` INT NOT NULL,
`dir_name` VARCHAR(45) NOT NULL,
`dir_phone` INT NOT NULL,
PRIMARY KEY (`dir_id`));
```

MOVIES

```
CREATE TABLE `movie`.`movies` (
`mov_id` INT NOT NULL,
`mov_title` VARCHAR(45) NOT NULL,
`mov_year` INT NOT NULL,
`mov_lang` VARCHAR(45) NOT NULL,
`dir_id` INT NOT NULL,
PRIMARY KEY (`mov_id`, `dir_id`),
FOREIGN KEY(`dir_id`)REFERENCES `movie`.`director`(`dir_id`));
```

MOVIE_CAST

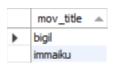
```
CREATE TABLE `movie`.`movie_cast`(
`act_id` INT NOT NULL,
`mov_id` INT NOT NULL,
`role` VARCHAR(45) NOT NULL,
PRIMARY KEY(`mov_id`,`act_id`),
FOREIGN KEY(`mov_id`)REFERENCES `movie`.`movies`(`mov_id`),
FOREIGN KEY(`act_id`)REFERENCES `movie`.`actor`(`act_id`));
```

RATING

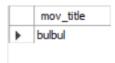
```
CREATE TABLE `movie`.`rating`(
`mov_id` INT NOT NULL,
`rev_stars` INT NOT NULL,
```

```
PRIMARY KEY(`mov_id`),
FOREIGN KEY(`mov_id`)REFERENCES `movie`.`movies`(`mov_id`));
INSERT INTO 'movie'. 'actor' ('act_id', 'act_name', 'act_gender') VALUES ('101', 'sowmya',
'f');
INSERT INTO 'movie'. 'actor' ('act_id', 'act_name', 'act_gender') VALUES ('102', 'radha', 'f');
INSERT INTO 'movie'. 'actor' ('act_id', 'act_name', 'act_gender') VALUES ('103', 'raghav',
INSERT INTO 'movie'. 'actor' ('act id', 'act name', 'act gender') VALUES ('104', 'sanjith',
'm');
INSERT INTO 'movie'. 'director' ('dir_id', 'dir_name', 'dir_phone') VALUES ('50', 'rajmouli',
'8861621844');
INSERT INTO 'movie'. 'director' ('dir id', 'dir name', 'dir phone') VALUES ('51', 'steven
spielberg', '7760521044');
INSERT INTO 'movie'. 'director' ('dir id', 'dir name', 'dir phone') VALUES ('52', 'hitchcock',
'9964786122'):
INSERT INTO 'movie'. 'director' ('dir_id', 'dir_name', 'dir_phone') VALUES ('53', 'karan',
'8766488994');
INSERT INTO `movie`.`movies` (`mov_id`, `mov_title`, `mov_year`, `mov_lang`, `dir_id`)
VALUES ('1001', 'kgf1', '2018', 'kannada', '51');
INSERT INTO 'movie'. 'movies' ('mov id', 'mov title', 'mov year', 'mov lang', 'dir id')
VALUES ('1002', 'bulbul', '2016', 'kannada', '51');
INSERT INTO `movie`.`movies` (`mov_id`, `mov_title`, `mov_year`, `mov_lang`, `dir_id`)
VALUES ('1003', 'bigil', '2019', 'tamil', '52');
INSERT INTO `movie`.`movies` (`mov_id`, `mov_title`, `mov_year`, `mov_lang`, `dir_id`)
VALUES ('1004', 'immaiku', '2018', 'telagu', '52');
INSERT INTO 'movie'. 'movie_cast' ('act_id', 'mov_id', 'role') VALUES ('101', '1001',
'heroine');
INSERT INTO 'movie'. 'movie_cast' ('act_id', 'mov_id', 'role') VALUES ('101', '1002',
'heroine'):
INSERT INTO `movie`.`movie_cast` ('act_id`, 'mov_id`, 'role`) VALUES ('103', '1003', 'hero');
INSERT INTO `movie`.`movie_cast` (`act_id`, `mov_id`, `role`) VALUES ('103', '1002', 'guest');
INSERT INTO 'movie'. 'movie cast' ('act id', 'mov id', 'role') VALUES ('104', '1004', 'hero');
INSERT INTO 'movie'. 'rating' ('mov id', 'rev stars') VALUES ('1001', '4');
INSERT INTO 'movie'. 'rating' ('mov_id', 'rev_stars') VALUES ('1002', '2');
INSERT INTO `movie`. `rating` (`mov_id`, `rev_stars`) VALUES ('1003', '5');
INSERT INTO 'movie'. 'rating' ('mov id', 'rev stars') VALUES ('1004', '4');
```

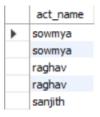
1 select mov_title from movies where dir_id in (select dir_id from director where dir_name='Hitchcock');



2 select mov_title from movies m, movie_cast mv where m.mov_id=mv.mov_id and act_id in(select act_id from movie_cast group by act_id having count(act_id)>1) group by mov_title having count(*)>1;



3 select act_name from actor a join movie_cast c on a.act_id=c.act_id join movies m on c.mov_id=m.mov_id where m.mov_year not between 2000 and 2015;



4 select mov_title ,max(rev_stars) from movies inner join rating using(mov_id) group by mov_title having max(rev_stars)>0 order by mov_title;

	mov_title	max(rev_stars)
•	bigil	5
	bulbul	2
	immaiku	4
	kgf1	4

5 update rating set rev_stars=5 where mov_id in(select mov_id from movies where dir_id in(select dir_id from director where dir_name='Steven Spielberg'));