QUERY:

CREATING TABLES:

```
create table actor(act_id int,
act_name varchar(20),
act_gender varchar(1),
primary key(act_id));
create table director(
dir id int,
dir name varchar(20),
dir_phone varchar(10),
primary key(dir_id));
create table movies(
mov_id int,
mov_title varchar(20),
mov_year varchar(5),
mov_lang varchar(20),
dir id int,
primary key(mov_id),
foreign key(dir_id) references director(dir_id));
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 movies(mov_id));
create table rating(
mov_id int,
rev stars int,
foreign key(mov_id) references movies(mov_id));
INSERTING VALUES:
insert into actor values('&act_id','&act_name','&act_gender');
select * from actor;
insert into director values('&dir_id','&dir_name','&dir_phone');
select * from director:
insert into movies values('&mov_id','&mov_title','&mov_year','&mov_lang','&dir_id');
select * from movies;
insert into movie_cast values('&act_id','&mov_id','&role');
select * from movie cast;
insert into rating values('&mov_id','&rev_stars');
select * from rating;
```

QUERIES:

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

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;

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;

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;

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'));

select * from rating;

TABLES:

1

	ACT_ID		
1	101	anushka	F
2	102	deepika	F
3	103	shahid	М
4	104	tom	М

2.

۷.	♦ DIR_ID	DIR_NAME	♦ DIR_PHONE
1	30	Karan	8751619001
2	31	RajaMouli	7766138911
3	33	Steven Spielberg	9889776530
4	32	Hitchcock	9987766531

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∯ MOV_ID	MOV_TITLE	MOV_YEAR	∯ MOV_LANG	♦ DIR_ID
1 1001	Bahubali-1	2015	Telagu	31
2 1002	Bahubali-2	2017	Telagu	31
1003	Akash	2008	Kannada	32
1004	War House	2011	english	33

4.

	♦ ACT_ID	∯ MOV_ID	♦ ROLE
1	101	1001	Heroine
2	101	1002	Heroine
3	103	1003	Hero
4	103	1002	Guest
5	104	1004	Hero

5.

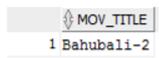
	∯ MOV_ID	♦ REV_STARS
1	1001	4
2	1002	2
3	1003	5
4	1004	4

QUERY OUTPUTS:

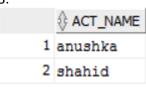
1.

1.	MOV_TITLE
1	Akash

2.



3.



4.

1	Akash	5
2	Bahubali-1	4
3	Bahubali-2	2
4	War House	4

5.

	⊕ MOV_ID	REV_STARS
1	1001	4
2	1002	2
3	1003	5
4	1004	5