QUERY:

CREATING TABLES:

```sql
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:

```sql
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	ACT_NAME	ACT_GENDER
1	101	anushka	F
2	102	deepika	F
3	103	shahid	M
4	104	tom	M

2.

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

3.

	MOV_ID	MOV_TITLE	MOV_YEAR	MOV_LANG	DIR_ID
1	1001	Bahubali-1	2015	Telagu	31
2	1002	Bahubali-2	2017	Telagu	31
3	1003	Akash	2008	Kannada	32
4	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.

	MOV_TITLE
1	Akash

2.

	MOV_TITLE
1	Bahubali-2

3.

	ACT_NAME
1	anushka
2	shahid

4.

	MOV_...	MAX(REV_STARS)
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