LAB 9:

MOVIE DATABASE

```
QUERY:
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));
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;
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;
```

OUTPUT:

TABLE1:

TABLE 2:

	ACT_ID		\$ ACT_GENDER
1	101	anushka	F
2	102	deepika	F
3	103	shahid	M
4	104	tom	M

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

TABLE 3:

	∯ MOV_ID	MOV_TITLE			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

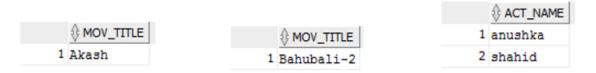
TABLE 4:

TABLE 5;

	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

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

QUERY1: QUERY 2: QUERY 3:



QUERY 4: QUERY 5:

		MAX(REV_STARS)
1	Akash	5
2	Bahubali-1	4
3	Bahubali-2	2
4	War House	4

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