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:

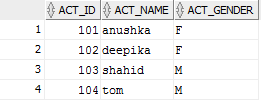


TABLE 3:

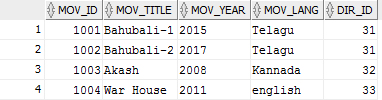
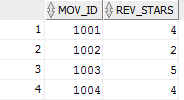
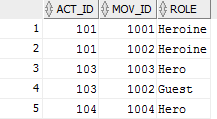


TABLE 4: TABLE 5;



QUERY1:



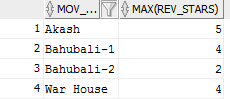
QUERY 2:



QUERY 3:



QUERY 4:



QUERY 5:

