2) schema for Movie DB

**Solution :-**

drop table movies cascade constraints;

create table actor

(act\_id number(3),

act\_name varchar(20),

act\_gender char(1),

primary key(act\_id));

create table director

(dir\_id number(3),

dir\_name varchar(20),

dir\_phone number(10),

primary key(dir\_id));

create table movies

(mov\_id number(4),

mov\_title varchar(25),

mov\_year number(4),

mov\_lang varchar(12),

dir\_id number(3),

primary key(mov\_id),

foreign key(dir\_id)references director(dir\_id));

create table movie\_cast

(role varchar(10),

act\_id number(3),

mov\_id number(4),

primary key(act\_id, mov\_id),

foreign key(act\_id)references actor(act\_id),

foreign key(mov\_id)references movies(mov\_id));

create table rating

(mov\_id number(4),

rev\_stars varchar(25),

primary key(mov\_id, rev\_stars),

foreign key(mov\_id)references movies(mov\_id));

desc rating;

insert into rating values(1006,4);

select \* from actor

select mov\_title

from movies mv

inner join director dr on dr.dir\_id=mv.dir\_id

where dr.dir\_name='Hitchcock';

select mov\_title from movies mv

inner join(select mov\_id, count(mov\_id) as

count from movie\_cast

group by mov\_id)

mc on mc.mov\_id=mv.mov\_id

where mc.count>=2;

select act\_name, mov\_year from actor A

inner join movie\_cast mc on mc.act\_id=A.act\_id

inner join movies mv on mv.mov\_id=mc.mov\_id

where mv.mov\_year not between 2000 and 2015;

select mov\_title, MAX(rev\_stars)

from movies mv

inner join rating rt on rt.mov\_id=mv.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 mv

inner join director dt on dt.dir\_id=mv.dir\_id

where dt.dir\_name='Steven Spielberg');