|  |
| --- |
| create table actor(Act\_id integer primary key, Act\_Name varchar(30), Act\_Gender varchar(10)); |
|  |
| desc actor; | |
| create table director(Dir\_id integer primary key, Dir\_Name varchar(30), Dir\_Phone varchar(10)); | |
|  | desc director; | | | |
| create table movies(Mov\_id integer primary key, Mov\_Title varchar(30), Mov\_Year date, Mov\_Lang varchar(10),Dir\_id integer,foreign key(Dir\_id) references director(Dir\_id)); | | | |
| desc movies; | | | |
| create table movie\_cast(Act\_id integer, Mov\_id integer,role varchar(10),primary key(Mov\_id,Act\_id),foreign key(Mov\_id) references movies(Mov\_id),foreign key(Act\_id) references actor(Act\_id)); | | | |
| desc movie\_cast; | | |
| create table rating(Mov\_id integer,Rev\_stars integer, primary key(Mov\_id),foreign key(Mov\_id) references movies(Mov\_id))0; | | |
| desc rating; | | |
| select \* from actor; | | |
| insert into actor values('&Act\_id','&Act\_name','&Act\_gender'); | | |
| commit; | | |
| insert into director values('&Dir\_id','&Dir\_name','&Dir\_phone'); | | |
| commit; | | |
| select \* from director; | | |
| insert into movies values('&Mov\_id','&Mov\_Title','&Mov\_Year','&Mov\_Lang','&Dir\_id'); | | |
| commit; | | |
| select \* from movies; | | |
| insert into movie\_cast values('&Act\_id','&Mov\_id','&role'); | | |
| commit; | | |
|  | select \* from movie\_cast; | | | |
| insert into rating values('&Mov\_id','&Rev\_stars'); |
| commit; |
| 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,Mov\_Title,Mov\_year |
| 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 '01-jan-00' AND '31-dec-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='speilberg')); |
|  |

Select \* from rating;