People

People
PID
Name
Address
DoB
Spouse
HairColor
EyeColor
InchesTall
WeightsLbs
FavColor

Actors
PID
ScreenActorsGuildDate

Directors
PID
FilmSchool
DirectorsGuildDate
FavLensMaker

ActorsInMovies
MID
PID
Role

DirectorsOfMovies
MID
PID

Movies
MID
Title
ReleaseYear
MPAANum
DomesticBOSales
ForeignBOSales
DiskSales

Dependencies

People:
PID → Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall, WeightLbs, FavColor

Actors:
PID → ScreenActorsGuildDate

ActorsInMovies:
MID + PID → Role

Directors:
PID → FilmSchool, DirectorsGuildDate, FavLensMaker

Movies:
MID → Title, ReleaseYear, MPAANum, DomesticBOSales, ForeignBOSales, DiskSales

SQL Statements

```sql
DROP TABLE IF EXISTS People;
DROP TABLE IF EXISTS Actors;
DROP TABLE IF EXISTS Directors;
DROP TABLE IF EXISTS Movies;
DROP TABLE IF EXISTS DirectorsOfMovies;
DROP TABLE IF EXISTS ActorsInMovies;

create table People (
        PID                     int             not null primary key,
        Name                    char(50)        not null,
        Address                 varchar(50)     not null,
        DoB                     date            not null,
        Spouse                  char(50),
        HairColor               char(20),
        EyeColor                char(20),
        InchesTall              int             not null,
        WeightLbs               int             not null,
        FavColor                char(50)
);

Create table Actors(
        PID                     int             not null references People(pid),
        ScreenActorsGuildDate   date,
        primary key(PID)
);

create table Directors(
        PID                     int             not null references People(pid),
        FilmSchool              char(50),
        DirectorsGuildDate      date,
        FavLensMaker            char(50),
        primary key(PID)
);

create table Movies(
        MID                     int             not null primary key,
        Title                   char(75)        not null,
```

```sql
        ReleaseYear          int               not null,
        MPAANum          int,
        DomesticBOSales     int,
        ForeignBOSales      int,
        DiskSales           int
);

Create table ActorsInMovies(
        MID          int     not null references Movies(mid),
        PID          int     not null references People(pid),
        Role          char    not null,
        primary key(MID, PID)
);

create table DirectorsOfMovies(
        MID          int     not null references Movies(mid),
        PID          int     not null references People(pid),
        primary key(MID, PID)
);
```

```sql
insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(007, "Sean Connery", "30 Wellington Square", 08/25/1930, "Micheline Roquebrune",
"White", "Brown", 74, 195, "Black");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(001, "Dwayne Johnson", "Hayward, CA", 05/02/1972, ", ", "Brown", 77, 260, "Rad");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(002, "Robert De Niro", "Manhattan, NYC", 08/17/1943, "Grace Hightower", "White",
"Brown", 69, 174, "White");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(003, "Kevin Costner", "Lynwood, CA", 01/18/1955, "Christine Baumgartner", "Gray",
"Blue", 73, 174, "Teal");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(004, "Harrison Ford", "Chicago, IL", 07/13/193042, "Calista Flockhart", "Gray", "Hazel",
72, 170, "Dark");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(005, "Julian Glover", "Hampstead, London", 03/27/1935, "Jamie Glover", "White",
"Hazel", 74, 175, "Classy");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(006, "Kevin James", "Burlington Mall, MA", 04/26/1965, "Steffiana de la Cruz",
"Brown", "Brown", 68, 280, "Justice");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(008, "Brian De Palma", "Manhattan", 09/11/1940, ", "White", "Brown", 73, 190,
"Acting");
```

```sql
insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(009, "Justin Lin", "Cypress, CA", 10/11/1979, ", "Black", "Brown", 72, 210, "Speed");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(010, "Steven Spielberg", "Cincinnati, OH", 12/18/1946, "Kate Capshaw", "White",
"Hazel", 71,  170, "Intrigue");

insert into People(PID, Name, Address, DoB, Spouse, HairColor, EyeColor, InchesTall,
WeightLbs, FavColor)
values(011, "Steve Carr", "Brooklyn, NY", 08/25/1962, ", "Gray", "Brown", 75, 190, "Yes");
```

```sql
insert into Actors(PID, ScreenActorsGuildDate)
values(007, '');

insert into Actors(PID, ScreenActorsGuildDate)
values(001, '');

insert into Actors(PID, ScreenActorsGuildDate)
values(002, '');

insert into Actors(PID, ScreenActorsGuildDate)
values(003, '');

insert into Actors(PID, ScreenActorsGuildDate)
values(004, '');

insert into Actors(PID, ScreenActorsGuildDate)
values(005, '');

insert into Actors(PID, ScreenActorsGuildDate)
values(006, '');

insert into Directors(PID, FilmSchool, DirectorGuildDate, FavLensMaker)
values(008, "School of Hard Knocks", '', "Ray-Ban");

insert into Directors(PID, FilmSchool, DirectorGuildDate, FavLensMaker)
values(009, "School of the Dead", '', "Coach");

insert into Directors(PID, FilmSchool, DirectorGuildDate, FavLensMaker)
values(010, "Summer School", '', "Sferoflex");

insert into Directors(PID, FilmSchool, DirectorGuildDate, FavLensMaker)
values(011, "Aperture New Schooling Initiative", '', "Lens of Truth");
```

```sql
insert into Movies(MID, Title, ReleaseYear, MPAANum, DomesticBOSales, ForeignBOSales, DiskSales)
values(01, "Paul Blart: Mall Cop", 2009, 100, 146000000, 183300000, 9999999999);

insert into Movies(MID, Title, ReleaseYear, MPAANum, DomesticBOSales, ForeignBOSales, DiskSales)
values(02, "Fast & Furious 6", 2011, 6, 6, 6, 6);

insert into Movies(MID, Title, ReleaseYear, MPAANum, DomesticBOSales, ForeignBOSales, DiskSales)
values(03, "The Untouchables", 1987, 79, 76300000, 106200000, 5000);

insert into Movies(MID, Title, ReleaseYear, MPAANum, DomesticBOSales, ForeignBOSales, DiskSales)
values(04, "Indiana Jones and the Last Crusade", 1989, 83, 197000000, 474180000, 48);

insert into DirectorsOfMovies(MID, PID)
values(01, 011);

insert into DirectorsOfMovies(MID, PID)
values(02, 009);

insert into DirectorsOfMovies(MID, PID)
values(03, 008);

insert into DirectorsOfMovies(MID, PID)
values(04, 010);
```

insert into ActorsInMovies(MID, PID, Role)
values(01, 006, "Paul Blart");

insert into ActorsInMovies(MID, PID, Role)
values(02, 001, "Hobbs");

insert into ActorsInMovies(MID, PID, Role)
values(03, 007, "Jim Malone");

insert into ActorsInMovies(MID, PID, Role)
values(03, 003, "Eliot Ness");

insert into ActorsInMovies(MID, PID, Role)
values(03, 002, "Al Capone");

insert into ActorsInMovies(MID, PID, Role)
values(04, 007, "Henry Jones");

insert into ActorsInMovies(MID, PID, Role)
values(04, 004, "Indiana Jones");

insert into ActorsInMovies(MID, PID, Role)
values(04, 005, "Walter Donovan");

SQL Query

```sql
select p2.*
from people p1,
     people p2,
     actors a,
     actorsinmovies am,
     movies m,
     directorsofmovies dm,
     directors d
where p1.pid = a.pid
  and a.pid = am.pid
  and am.mid = dm.mid
  and m.mid = dm.mid
  and d.pid = dm.pid
  and d.pid = p2.pid
  and p1.pid = 007;
```