



Create Statements

```

CREATE TABLE People (
    pid          char(4) not null,
    FirstName    text,
    LastName     text,
    Birthdate    date,
    HairColor    text,
    EyeColor     text,
    Weightlbs    integer,
    Heightinches integer,
    SpouseFname  text,
    SpouseLname  text,
    FavoriteColor text,
    primary key(pid)
);
  
```

```

CREATE TABLE Actors (
    PID          char(4) not null references people(pid),
    SAGAnniversaryDate date,
    primary key(pid)
);
  
```

```

CREATE TABLE Directors (
    PID          char(4) not null references people(pid),
    FilmSchoolAttended text,
    DGAnniversaryDate date,
    FavoriteLensMaker text,
    primary key(pid)
);
  
```

```

CREATE TABLE Movies (
    MID          char(4),
    YearReleased date,
    MPAA Number  integer,
    DomesticBOSales numeric(12,2),
    ForeignBOSales numeric(12,2),
    DVDBluRaySales numeric(12,2),
    primary key(Mid)
);
  
```

```

CREATE TABLE Casts(
    MID          char(4) not null references Movies(Mid),
    PID          char(4) not null references People(Pid),
    PIDRole      text,
    unique(Pid,Mid),
    primary key(Pid,Mid)
);
  
```

Functional Dependencies-

People Table-

PID → FirstName, LastName, Birthdate, Haircolor, EyeColor, Weight, Height, SpouseFirstName, SpouseLastName, FavoriteColor

Actors Table-

PID → SAGAnniversaryDate

Directors Table-

PID → FilmSchoolAttended, DGAnniversaryDate, FavoriteLensMaker

Movies Table-

MID → YearReleased, MPAA Number, DomesticBOSales, ForeignBOSales, DVDBluRaySales

Casts Table-

MID, PID → none

4. Sean Connery Query

```
select FirstName, LastName
from people
where pid in(
    select pid
    from casts
    where mid in (
        select mid
        from casts
        where pid = 'p006')
);
```