

```
DROP TABLE IF EXISTS people;

DROP TABLE IF EXISTS actors;

DROP TABLE IF EXISTS directors;

DROP TABLE IF EXISTS movies;

DROP TABLE IF EXISTS actorMovieIndex;

DROP TABLE IF EXISTS directorMovieIndex;
```

```
-- People --
```

```
CREATE TABLE people (

    pid      char(4) not null,

    name     text,

    address  text,

    primary  key(pid)

);
```

```
-- actors --
```

```
CREATE TABLE actors (

    pid      char(4) not null,

    hairColor text,

    eyeColor  text,

    heightInches int,

    weightPounds int,

    aid      char(4) not null,

    primary key(pid)

);
```

-- directors --

```
CREATE TABLE directors (  
    pid      char(4) not null,  
    filmSchool text,  
    did      char(4) not null,  
    primary key(pid)  
);
```

-- actorMovieIndex --

```
CREATE TABLE actorMovieIndex (  
    aid      char(4) not null,  
    mid      char(4) not null  
  
);
```

-- directorMovieIndex --

```
CREATE TABLE directorMovieIndex (  
    did      char(4) not null,  
    mid      char(4) not null  
  
);
```

-- movies --

CREATE TABLE movies (

mid char(4) not null,

name text,

yearReleased int,

domesticBoxOfficeSalesUSDMillions int,

foreignBoxOfficeSalesUSDMillions int,

dvdSalesUSDMillions int

);

-- Insert Test Data --

-- people --

INSERT INTO people(pid, name, address)

VALUES('p001', 'Robert Downey JR', '32 Roe Avenue'),

('p002', 'Mark Ruffalo', '17 Sweezy Street'),

('p003', 'Jim Carrey', '24 Potter Street'),

('p004', 'Joe Russo', '14 Bay Avenue'),

('p005', 'Anthony Russo', '14 Bay Avenue'),

('p006', 'Edgar Wright', '434 Carmen Street'),

('p007', 'Sean Connery', '15 Main Street'),

('p008', 'Joss Whedon', '34 Stark Drive'),

('p009', 'George Lucas', '42 Naboo Way');

-- actors --

```
INSERT INTO actors(pid, hairColor, eyeColor, heightInches, weightPounds, aid)
```

```
VALUES('p001', 'brown', 'brown', '69', '170', 'a001'),
```

```
('p002', 'black', 'brown', '68', '155', 'a002'),
```

```
('p003', 'brown', 'hazel', '74', '142', 'a003'),
```

```
('p007', 'white', 'black', '74', '151', 'a004');
```

```
-- directors --
```

```
INSERT INTO directors(pid, filmSchool, did)
```

```
VALUES('p004', 'marist', 'd001'),
```

```
('p005', 'albany', 'd002'),
```

```
('p006', 'cortland', 'd003'),
```

```
('p008', 'Wesleyan University', 'd004'),
```

```
('p009', 'University of Southern California', 'd005');
```

```
-- movies --
```

```
INSERT INTO movies(mid, name, yearReleased, domesticBoxOfficeSalesUSDMillions,  
foreignBoxOfficeSalesUSDMillions, dvdSalesUSDMillions)
```

```
VALUES('m001', 'Iron Man', '2008', '200', '300', '50'),
```

```
('m002', 'Ace Ventura', '1994', '72', '80', '15'),
```

```
('m003', 'Avengers', '2012', '900', '300', '200'),
```

```
('m004', 'From Russia With Love', '1963', '24', '54', '31'),
```

```
('m005', 'Indiana Jones and the Last Crusade', '1989', '197', '474', '322');
```

```
-- actorMovieIndex --
```

```
INSERT INTO actorMovieIndex(aid, mid)
```

```
VALUES('a001', 'm001'),
```

```
('a001', 'm003'),
```

('a002', 'm002'),

('a003', 'm003'),

('a004', 'm004'),

('a004', 'm005');

-- directorMovieIndex --

INSERT INTO directorMovieIndex(did, mid)

VALUES('d001', 'm003'),

('d002', 'm003'),

('d003', 'm001'),

('d002', 'm002'),

('d005', 'm005'),

('d004', 'm004');

-- Query to Return all Directors Sean Connery has worked with --

select p.name

from directors d,

actors a,

people p,

people p2,

actorMovieIndex ami,

directorMovieIndex dmi,

movies m

where p2.name = 'Sean Connery'

and d.pid = p.pid

and m.mid = ami.mid

and m.mid = dmi.mid

and a.aid = ami.aid

and d.did = dmi.did

and ami.aid = a.aid

and ami.mid = dmi.mid

and a.pid = p2.pid