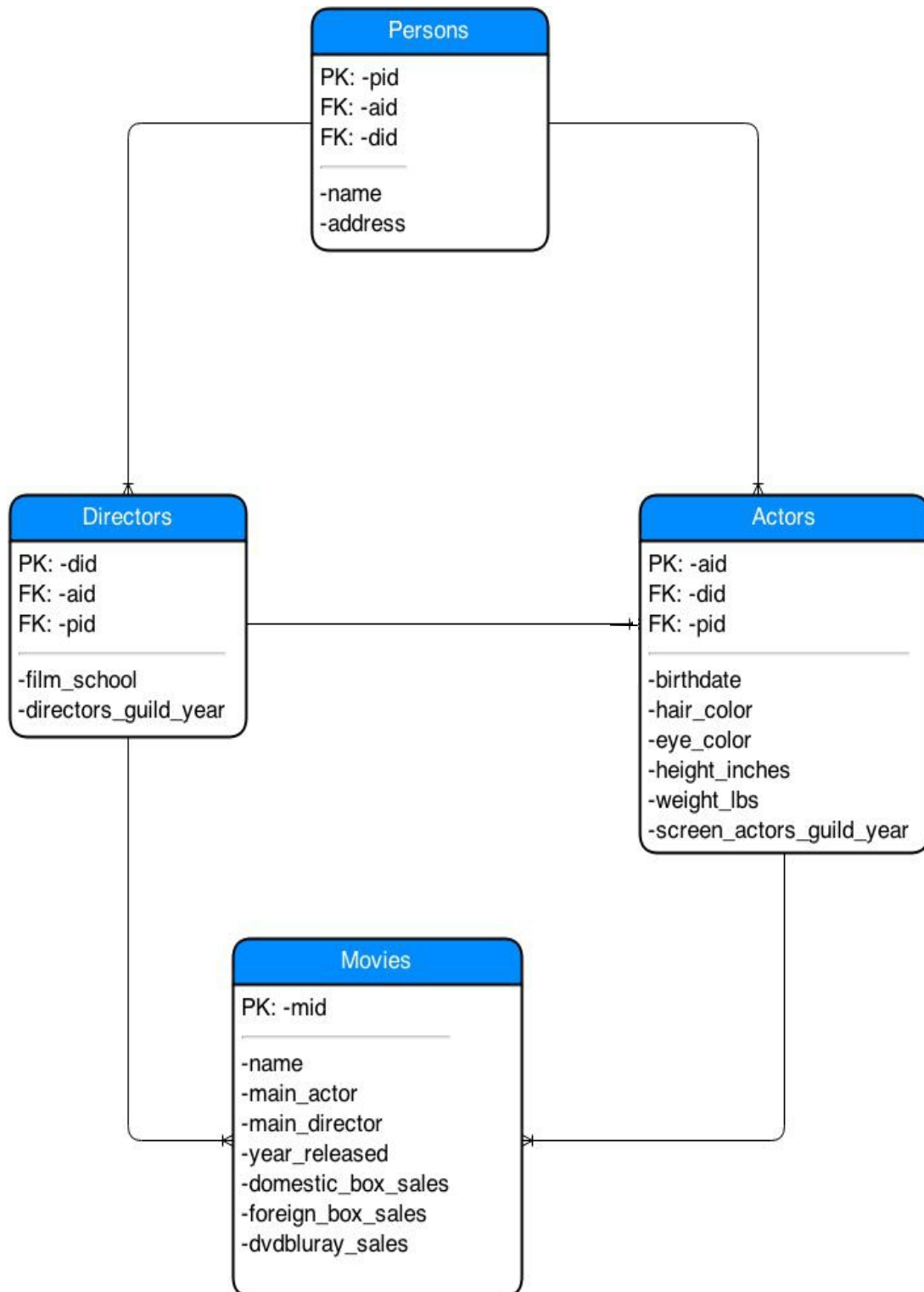


QUESTION 1:



```
DROP TABLE IF EXISTS Actors;
DROP TABLE IF EXISTS Movies;
DROP TABLE IF EXISTS Directors;
DROP TABLE IF EXISTS Persons;
```

--QUESTION 2:

-- Persons --

```
CREATE TABLE Persons (
  pid                serial,
  aid                int,
  did                int,
  name               text not null,
  address            text not null,
  primary key(pid)
);
```

-- Movies --

```
CREATE TABLE Movies (
  mid                serial,
  name               text not null,
  main_actor         text not null,
  main_director      text not null,
  year_released      int not null,
  domestic_box_sales int,
  foreign_box_sales  int,
  dvdblueray_sales   int,
  primary key (mid)
);
```

-- Directors --

```
CREATE TABLE Directors (
  did                serial references Persons(pid),
  film_school        text,
  directors_guild_year int not null,
  primary key (did)
);
```

-- Actors --

```
CREATE TABLE Actors (
  aid                serial references Persons(pid),
  birthdate          date not null,
  hair_color         text not null,
  eye_color          text not null,
  height_inches      int not null,
  weight_lbs         int not null,
  screen_actors_guild_year int not null,
  primary key (aid)
);
```

--QUESTION 3

--Insert Persons

```
INSERT INTO Persons (name, address)
VALUES ('James Cameron', '15 Hollywood Ln'),
('David Fincher', '7 Alien Rd'),
('Sean Connery', '007 Bestbond Ln'),
('Brad Pitt', '50 Troy St');
```

```
--Insert Directors
--James Cameron, David Fincher
INSERT INTO Directors(film_school, directors_guild_year)
VALUES ('Fullerton College', '1976'),
(null, '1985');
```

```
-- Actors --
--Sean Connery,Brad Pitt
INSERT INTO Actors( birthdate, hair_color, eye_color, height_inches, weight_lbs, screen_actors_guild_year )
VALUES('1930-08-25', 'brown', 'brown', 74, 180, 1954),
('1963-12-18', 'blonde', 'blue', 71, 155, 1987);
```

```
-- Movies --
INSERT INTO Movies( name, main_actor, main_director, year_released, domestic_box_sales, foreign_box_sales,
dvdbluray_sales )
VALUES('Fight Club', 'Brad Pitt', 'David Fincher', 1999, 37030102, 63823651, 5000000 ),
('Diamonds Are Forever', 'Sean Connery', 'Guy Hamilton', 1971, 43800000, 72200000, 5000000 );
```

```
--QUESTION 4:
--Every column, that is not a primary key, is purely dependent on the primary key within its table.
```

```
--QUESTION 5:
SELECT Movies.main_director FROM Movies
WHERE Movies.main_actor = 'Sean Connery';
```