--Jose Abreu--

--April 3, 2014--

```sql
DROP TABLE IF EXISTS Actors;

DROP TABLE IF EXISTS Movies;

DROP TABLE IF EXISTS Directors;

DROP TABLE IF EXISTS DirectedMovies;

DROP TABLE IF EXISTS ActorMovies;


--Actors--
CREATE TABLE Actors (

        ActorID char(4) not null,

        Name text,

        Address text,

        Birthdate DATE,

        HairColor text,

        EyeColor text,

        HeightInches integer,

        Weight integer,

        ActorGuildDate integer,

primary key(ActorID)

);
```

--Movies--

```
CREATE TABLE Movies (

        MovieID char(4) not null,

        Name text,

        YearReleased integer,

        DomesticSales integer,

        ForeignSales integer,

        DvdBluSales text,

primary key(MovieID)

);
```

--Directors--

```
CREATE TABLE Directors (

        DirectorID char(4) not null,

        Name text,

        Address text,

        SchoolAttended text,

        DirectorGuildDate integer,

primary key(DirectorID)

);
```

--Directed Movies--

```
CREATE TABLE DirectedMovies (

        DirectorID char(4) not null references Directors(DirectorID),

        MovieID char(4) not null references Movies(MovieID)

);
```

--Actor in Movies--

```
CREATE TABLE ActorMovies (

        ActorID char(4) not null references Actors(ActorID),

        MovieID char(4) not null references Movies(MovieID)

);
```

--Actors--

```
INSERT INTO Actors(ActorID, Name, Address, BirthDate, HairColor, EyeColor, HeightInches, Weight, ActorGuildDate )

VALUES          ('a001', 'Will Smith', 'West Philly', '1968-09-25', 'Brown', 'Brown', 74, 220, 2000);
```

```
INSERT INTO Actors(ActorID, Name, Address, BirthDate, HairColor, EyeColor, HeightInches, Weight, ActorGuildDate )

VALUES          ('a002', 'Sean Connery', 'Edinburgh, Scotland', '1930-08-25', 'White', 'Brown', 70, 199, 1995);
```

INSERT INTO Actors(ActorID, Name, Address, BirthDate, HairColor, EyeColor, HeightInches, Weight, ActorGuildDate)

VALUES   ('a003', 'Tidus Blitz', 'Zanarkand, Spira', '1990-03-19', 'Blond', 'Blue', 68, 140, 2005);

INSERT INTO Actors(ActorID, Name, Address, BirthDate, HairColor, EyeColor, HeightInches, Weight, ActorGuildDate)

VALUES   ('a004', 'Michael Cera', 'Brampton, Ontario', '1988-07-07', 'Brown', 'Brown', 70, 180, 1995);

INSERT INTO Actors(ActorID, Name, Address, BirthDate, HairColor, EyeColor, HeightInches, Weight, ActorGuildDate)

VALUES   ('a005', 'Amy Lee', 'Riverside, California', '1981-12-13', 'Black', 'Green', 65, 130, 1994);

INSERT INTO Actors(ActorID, Name, Address, BirthDate, HairColor, EyeColor, HeightInches, Weight, ActorGuildDate)

VALUES   ('a006', 'Hayley Williams', 'Meridian, Mississippi', '1988-12-27', 'Red', 'Hazel', 65, 120, 2000);

--Movies--

INSERT INTO Movies(MovieID, Name, YearReleased, DomesticSales, ForeignSales, DVDBluSales)

VALUES   ('m001', 'Men In Black', 1999, 3000000, 250000, 2000000);

INSERT INTO Movies(MovieID, Name, YearReleased, DomesticSales, ForeignSales, DVDBluSales)

VALUES   ('m002', 'Goonies', 1980, 2700000, 40000, 50000);

INSERT INTO Movies(MovieID, Name, YearReleased, DomesticSales, ForeignSales, DVDBluSales)

VALUES ('m003', 'Twilight', 2008, 400, 10, 35);

INSERT INTO Movies(MovieID, Name, YearReleased, DomesticSales, ForeignSales, DVDBluSales)

VALUES ('m004', 'Demolition', 2003, 400000, 20000, 400000);

--Directors--

INSERT INTO Directors(DirectorID, Name, Address, SchoolAttended, DirectorGuildDate)

VALUES ('d001', 'Will Smith', 'West Philly', 'Overbrook', 1999);

INSERT INTO Directors(DirectorID, Name, Address, SchoolAttended, DirectorGuildDate)

VALUES ('d002', 'M. Night Shamalan', 'Mahe, Pondicherry', 'Plot Twist University', 1989);

INSERT INTO Directors(DirectorID, Name, Address, SchoolAttended, DirectorGuildDate)

VALUES ('d003', 'Steven Spielberg', 'Cininnati, Ohio', 'California State University', 1980);

INSERT INTO Directors(DirectorID, Name, Address, SchoolAttended, DirectorGuildDate)

VALUES ('d004', 'Martin Scorsese', 'Queens, New York', 'School of Film', 1968);

INSERT INTO Directors(DirectorID, Name, Address, SchoolAttended, DirectorGuildDate)

VALUES ('d005', 'Christopher Nolan', 'London, England', 'Generic Film', 1990);

--Directed Movies--

```sql
INSERT INTO DirectedMovies(DirectorID, MovieID)
VALUES                  ('d001', 'm001');



INSERT INTO DirectedMovies(DirectorID, MovieID)
VALUES                  ('d002', 'm002');



INSERT INTO DirectedMovies(DirectorID, MovieID)
VALUES                  ('d003', 'm003');


INSERT INTO DirectedMovies(DirectorID, MovieID)
VALUES                  ('d002', 'm003');



INSERT INTO DirectedMovies(DirectorID, MovieID)
VALUES                  ('d004', 'm004');



INSERT INTO DirectedMovies(DirectorID, MovieID)
VALUES                  ('d005', 'm004');
```

--Actor in Movies--

```sql
INSERT INTO ActorMovies(ActorID, MovieID)
VALUES            ('a001', 'm001');



INSERT INTO ActorMovies(ActorID, MovieID)
VALUES            ('a002', 'm001');



INSERT INTO ActorMovies(ActorID, MovieID)
VALUES            ('a002', 'm002');



INSERT INTO ActorMovies(ActorID, MovieID)
VALUES            ('a003', 'm003');



INSERT INTO ActorMovies(ActorID, MovieID)
VALUES            ('a005', 'm003');


INSERT INTO ActorMovies(ActorID, MovieID)
VALUES            ('a004', 'm004');
```

INSERT INTO ActorMovies(ActorID, MovieID)

VALUES   ('a006', 'm004');

Beautiful ER Diagram

Actors

Primary Key	ActorID
	Name
	Address
	Birthdate
	Hair Color
	Height in Inches
	Weight
	Actor Guild Ani Date

Movies

Primary Key	MovieID
	Name
	Year Released
	Domestic Box Office Sales
	Foreign Box Office Sales
	Dvd/ Blu-Ray Sales

Directors

Primary Key	DirectorID
	Name
	Address
	Film School Attended
	Directors Guild Ani Date

ActorMovies

	ActorID
	MovieID
	Actor Name
	Movie Name
	Year Directed

DirectedMovies

	DirectorID
	MovieID
	Director Name
	Movie Name
	Year Directed