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ActorsGuildAnniversary date,
 primary key(ActorID)
--Movies--
CREATE TABLE Movies
          integer not null,
( MovieID
 MovieName varchar(255) not null,
 YearReleased integer,
 BoxOfficeSalesDomestic integer,
 BoxOfficeSalesForeign integer,
 DVDSales integer,
 BluRaySales integer,
 primary key(MovieID)
--FilmSchool--
CREATE TABLE FilmSchool
( SchoolID integer not null,
 SchoolName
                  varchar(255) not null,
 ParentUniversity varchar(255),
 StreetName varchar(255),
 City
                   varchar(50),
 State
                         varchar(50),
 Country varchar (255),
 primary key(SchoolID)
);
--Directors--
CREATE TABLE Directors
( DirectorID integer not null,
 FirstName varchar(255) not null,
 LastName varchar(255) not null,
 AddressID integer references Address(AddressID),
 SchoolID integer references FilmSchool(SchoolID),
 DirectorsGuildAnniversary date,
 primary key(DirectorID)
--ActorsFilmography--
CREATE TABLE ActorFilmography
( MovieID integer not null references Movies (MovieID),
 ActorID integer not null references Actors (ActorID),
 CharacterName varchar(255) not null,
 primary key (MovieID, ActorID, CharacterName)
--DirectorFilmography--
CREATE TABLE DirectorFilmography
( MovieID
          integer not null references Movies (MovieID),
 DirectorID integer not null references Directors (DirectorID),
 primary key (MovieID, DirectorID)
--InsertIntoAddress--
INSERT INTO Address( AddressID, StreetName, City, State, ZipCode, Country)
 VALUES (1, '1 BestActorEver Lane', 'HollyWood', 'California', 91601,
       'United States of America');
INSERT INTO Address( AddressID, StreetName, City, State, ZipCode, Country)
 VALUES (2, '2 BestActorEver Lane', 'HollyWood', 'California', 91601,
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'United States of America');
INSERT INTO Address( AddressID, StreetName, City, State, ZipCode, Country)
 VALUES (3, '1 DirectorsLane', 'Hollywood', 'California', 91601,
         'United States of America');
INSERT INTO Address( AddressID, StreetName, City, State, ZipCode, Country)
 VALUES (4, '2 DirectorsLane', 'Hollywood', 'California', 91601,
         'United States of America');
--InsertIntoActors--
INSERT INTO Actors ( ActorID, FirstName, LastName, AddressID, BirthDate,
                 HairColor, EyeColor, HeightInches, WeightPounds,
                 ActorsGuildAnniversary)
 VALUES(1, 'Leonardo', 'Dicaprio', 1, '1974-11-11', 'Brown', 'Dreamy Blue', 72, 165,
'1990-1-1');
INSERT INTO Actors ( ActorID, FirstName, LastName, AddressID, BirthDate,
                 HairColor, EyeColor, HeightInches, WeightPounds,
                 ActorsGuildAnniversary)
 VALUES(2, 'Christian', 'Bale', 2, '1974-1-30', 'Brown', 'Brown', 72, 150, '1986-1-
1');
--InsertIntoMovies--
INSERT INTO Movies (MovieID, MovieName, YearReleased, BoxOfficeSalesDomestic,
                    BoxOfficeSalesForeign, DVDSales, BluRaySales)
 VALUES(1, 'American Hustle', 2014, 45000000, 20000000, 2, 800000);
INSERT INTO Movies ( MovieID, MovieName, YearReleased, BoxOfficeSalesDomestic,
                    BoxOfficeSalesForeign, DVDSales, BluRaySales)
 VALUES(2, 'The Great Gatsby', 2013, 100000000, 22000000, 9000, 999999);
--InsertIntoFilmSchool--
INSERT INTO FilmSchool (SchoolID, SchoolName, ParentUniversity, StreetName, City,
                        State, Country)
 VALUES(1, 'School of Film and Animation', 'Rochester Institute of Technology',
        '1 Lomb Memorial Drive', 'Rochester', 'New York', 'United States of America');
INSERT INTO FilmSchool (SchoolID, SchoolName, ParentUniversity, StreetName, City,
                        State, Country)
 VALUES(2, 'Jack and Vivian Hanson Film Institute', 'University of Arizona',
         '550 E Van Buren Street', 'Phoenix', 'Arizona', 'United States of America');
--InsertIntoDirectors--
INSERT INTO Directors ( DirectorID, FirstName, LastName, AddressID,
                   SchoolID, DirectorsGuildAnniversary)
 VALUES(1, 'Baz', 'Luhrmann', 3, 1, '1666-1-1');
INSERT INTO Directors ( DirectorID, FirstName, LastName, AddressID,
                   SchoolID, DirectorsGuildAnniversary)
  VALUES(2, 'David', 'Russel', 4, 2, '1776-1-1');
-- InsertIntoActorsFilmography--
INSERT INTO ActorFilmography (MovieID, ActorID, CharacterName)
 VALUES (1, 2, 'Irving Rosenfeld');
INSERT INTO ActorFilmography (MovieID, ActorID, CharacterName)
 VALUES (2, 1, 'Jay Gatsby');
--InsertIntoDirectorsFilmography--
INSERT INTO DirectorFilmography( MovieID, DirectorID)
 VALUES (1, 1);
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INSERT INTO DirectorFilmography( MovieID, DirectorID)
  VALUES (2, 2);
```

# Functional Dependencies:

## Actors:

ActorID → FirstName, LastName, AddressID, BirthDate, HairColor, EyeColor, HeightInches, WeightPounds, ActorsGuildAnniversary

#### Address:

AddressID → StreetName, City, State, ZipCode, Country

# Directors:

DirectorID → FirstName, LastName, AddressID, SchoolID, DirectorsGuildAnniversary

#### Movies:

MovieID → MovieName, YearReleased, BoxOfficeSalesDomestic, BoxOfficesSalesForeign, DVDSales, BluRaySales

## FilmSchool

SchoolID → SchoolName, ParentUniversity, StreetName, City, Country

\*\*This should work but it doesn't. Can't figure out why.\*\*