1 Create Table Script

```
1  drop database sequelmovie;
2  create database sequelmovie;
3  use sequelmovie;
4
5  create table movie(
6      movieID int(5) not null,
7      movieTitle varchar(50) not null,
8      movieDesc varchar(150),
9      movieReleaseDate date,
10     movieRuntime int(3) check (movieRuntime > 25),
11     movieCertificate varchar(4) check (movieCertificate in ('N/A','PG',
       '12','12A','15','15A','16','18')),
12     movieRating int(1) check (movieRating > 0 and movieRating <= 5),
13     constraint movie_pk primary key (movieID)
14 )engine innodb;
15
16 create table poster(
17     posterID int(5) not null,
18     posterLink varchar(200) default 'http://www.uidownload.com/files
       /478/82/442/error-404-page-not-found-icon.jpg',
19     p_movieID int(5) not null,
20     constraint poster_pk primary key (posterID),
21     constraint poster_fk_movie foreign key (p_movieID) references movie
       (movieID)
22 )engine innodb;
23
24 create table trailer(
25     trailerID int(5) not null,
26     trailerLength int(2),
27     trailerURL varchar(150),
28     t_movieID int(5) not null,
29     constraint trailer_pk primary key (trailerID),
30     constraint trailer_fk_movie foreign key (t_movieID) references
       movie (movieID)
31 )engine innodb;
32
33 create table studio(
34     studioID int(5) not null,
35     studioName varchar(50) not null,
36     studioAddress varchar(200),
37     constraint studio_pk primary key (studioID)
38 )engine innodb;
39
40 create table movie_studio(
41     movie_studioID int(5) not null,
42     m_movieID int(5) not null,
43     s_studioID int(5) not null,
44     constraint movie_studio_pk primary key (movie_studioID),
45     constraint movie_studio_fk_movie foreign key (m_movieID) references
       movie (movieID),
46     constraint movie_studio_fk_studio foreign key (s_studioID)
       references studio (studioID)
47 )engine innodb;
48
49
50
```

```sql
create table genre(
    genreID int(5) not null,
    genreType varchar(25) not null,
    genreDesc varchar(200),
    constraint genre_pk primary key (genreID)
)engine innodb;

create table movie_genre(
    movie_genreID int(5) not null,
    m_movieID int(5) not null,
    g_genreID int(5) not null,
    constraint movie_genre_pk primary key (movie_genreID),
    constraint movie_genre_fk_movie foreign key (m_movieID) references
    movie (movieID),
    constraint movie_genre_fk_genre foreign key (g_genreID) references
    genre (genreID)
)engine innodb;

create table person(
    personID int(5) not null,
    personFirstName varchar(50) not null,
    personLastName varchar(50),
    personNationality varchar(50),
    personPicture varchar (150),
    constraint person_pk primary key (personID)
)engine innodb;

create table role(
    roleID int(5) not null,
    roleDesc varchar(25) not null,
    m_movieID int(5) not null,
    p_personID int(5) not null,
    constraint role_pk primary key (roleID),
    constraint role_fk_movie foreign key (m_movieID) references movie (
    movieID),
    constraint role_fk_person foreign key (p_personID) references
    person (personID)
)engine innodb;

create table soundtrack(
    soundtrackID int(5) not null,
    soundtrackName varchar(100) not null,
    soundtrackSize int(2),
    m_movieID int(5) not null,
    constraint soundtrack_pk primary key (soundtrackID),
    constraint soundtrack_fk_movie foreign key (m_movieID) references
    movie (movieID)
) engine innodb;

create table song(
    songID int(5) not null,
    songName varchar(100) not null,
    songLength int(3),
    songURL varchar(150),
    constraint song_pk primary key (songID)
) engine innodb;
```

```
104  create table soundtrack_song(
105      soundtrack_songID int(5) not null,
106      soundtrack_soundtrackID int(5) not null,
107      song_songID int(5) not null,
108      constraint soundtrack_song_pk primary key (soundtrack_songID),
109      constraint soundtrack_song_fk_soundtrack foreign key (
       soundtrack_soundtrackID) references soundtrack (soundtrackID),
110      constraint soundtrack_song_fk_song foreign key (song_songID)
       references song (songID)
111  )engine innodb;
112
113  create table artiste(
114      artisteID int(5) not null,
115      artisteName varchar(50) not null,
116      artisteNationality varchar(50),
117      constraint artiste_pk primary key (artisteID)
118  )engine innodb;
119
120  create table song_artiste(
121      song_artisteID int(5) not null,
122      s_songID int(5) not null,
123      a_artisteID int(5) not null,
124      constraint song_artiste_pk primary key (song_artisteID),
125      constraint song_artiste_fk_song foreign key (s_songID) references
       song (songID),
126      constraint song_artiste_fk_artiste foreign key (a_artisteID)
       references artiste (artisteID)
127  )engine innodb;
128
129  create table band(
130      bandID int(5) not null,
131      bandName varchar(25) not null,
132      constraint band_pk primary key (bandID)
133  ) engine innodb;
134
135  create table song_band(
136      song_bandID int(5) not null,
137      song_songID int(5) not null,
138      b_bandID int(5) not null,
139      constraint song_band_pk primary key (song_bandID),
140      constraint song_band_fk_song foreign key (song_songID) references
       song (songID),
141      constraint song_band_fk_band foreign key (b_bandID) references band
        (bandID)
142  )engine innodb;
143
144  create table artiste_band(
145      artiste_bandID int(5) not null,
146      bandRole varchar(50),
147      a_artisteID int(5) not null,
148      b_bandID int(5) not null,
149      constraint artiste_band_pk primary key (artiste_bandID),
150      constraint artiste_band_fk_artiste foreign key (a_artisteID)
       references artiste (artisteID),
151      constraint artiste_band_fk_band foreign key (b_bandID) references
       band (bandID)
152  )engine innodb;
```

2 Insert Script

```sql
use sequelmovie;

/* movie inserts */
insert into movie values (0001, 'The Shawshank Redemption', 'Two
    imprisoned men bond over a number of years', '1994-10-14', 142, '18
    ', '4.5');
insert into movie values (0002, 'The Godfather', 'The aging patriarch
    of an organized crime dynasty transfers control to his son', '
    1972-3-24', 175, '18', '4.5');
insert into movie values (0003, 'The Dark Knight','The menace known as
    the joker wreaks havoc on Gotham City', '2008-7-18', 152, '12', '
    4.5');
insert into movie values (0004, 'American Psycho', 'A wealthy New York
    investment banking executive hides his alternate psychopathic ego',
     '2000-4-14', 102, '18', '4');
insert into movie values (0005, 'Pulp Fiction', 'The lives of two mod
    hit men, a boxer, a gangster's wife are all inter twinned', '
    1994-10-14', 154, '18', 4);
insert into movie values (0006, 'The Matrix', 'A hacker learns from
    mysterious rebels about the true nature of his reality', '1999-3-31
    ', 136, '18', 4);
insert into movie values (0007, 'Logan', 'In a near future, a weary
    Logan cares for an ailing professor x', '2017-3-3', 135, '18', 5);
insert into movie values (0008, 'The Prestige', 'Two stage magicians
    engage in competitive one-upmanship in an attempt to create the
    ultimate stage illusion', '2006-10-20', 135, '12', 5);
insert into movie values (0009, 'Interstellar', 'A team of explorers
    travel through a wormhole in space in an attempt to save the human
    race', '2014-11-7', 169, '12', '5');
insert into movie values (0010, 'The Wolf of Wall Street', 'Based on
    the true story of Jordan Belfort', '2013-12-25', 180, '18', 4);

/* poster inserts */
insert into poster values (0001, null, 0001);
insert into poster values (0002, null,0002);
insert into poster values (0003, 'https://images-na.ssl-images-amazon.
    com/images/M/MV5BMTMxNTMwODM0NF5BMl5BanBnXkFtZTcwODAyMTk2Mw@@.
    _V1_SX300.jpg',0003);
insert into poster values (0004, 'https://images-na.ssl-images-amazon.
    com/images/M/MV5BMjIyMTYwMTI0N15BMl5BanBnXkFtZTgwNTU2NTYxMTE@.
    _V1_SX300.jpg',0004);
insert into poster values (0005, 'https://images-na.ssl-images-amazon.
    com/images/M/MV5BMTkxMTA5OTAzMl5BMl5BanBnXkFtZTgwNjA5MDc3NjE@.
    _V1_SX300.jpg',0005);
insert into poster values (0006, null ,0006);
insert into poster values (0007, 'https://images-na.ssl-images-amazon.
    com/images/M/MV5BMjI1MjkzMjczMV5BMl5BanBnXkFtZTgwNDk4NjYyMTI@.
    _V1_SX300.jpg',0007);
insert into poster values (0008, 'https://images-na.ssl-images-amazon.
    com/images/M/MV5BMjA4NDI0MTIxNF5BMl5BanBnXkFtZTYwNTM0MzY2._V1_SX300
    .jpg', 0008);
```

```
24 insert into poster values (0009, 'https://images-na.ssl-images-amazon.
       com/images/M/MV5BMjIxNTU4MzY4MF5BMl5BanBnXkFtZTgwMzM4ODI3MjE@.
       _V1_SX300.jpg', 0009);
25 insert into poster values (0010, 'https://images-na.ssl-images-amazon.
       com/images/M/MV5BMjIxMjgxNTk0MF5BMl5BanBnXkFtZTgwNjIyOTg2MDE@.
       _V1_SX300.jpg', 0010);
26
27 /* trailer inserts */
28 insert into trailer values (0001, '2' , 'https://www.youtube.com/watch?
       v=6hB3S9bIaco', 0001);
29 insert into trailer values (0002, '2' , 'https://www.youtube.com/watch?
       v=sY1S34973zA', 0002);
30 insert into trailer values (0003, '3', 'https://www.youtube.com/watch?v
       =EXeTwQWrcwY', 0003);
31 insert into trailer values (0004, '3', 'https://www.youtube.com/watch?v
       =2GIsExb5jJU', 0004);
32 insert into trailer values (0005, '2', 'https://www.youtube.com/watch?v
       =s7EdQ4FqbhY', 0005);
33 insert into trailer values (0006, '3', 'https://www.youtube.com/watch?v
       =m8e-FF8MsqU', 0006);
34 insert into trailer values (0007, '2', 'https://www.youtube.com/watch?v
       =DekuSxJgpbY', 0007);
35 insert into trailer values (0008, '3', 'https://www.youtube.com/watch?v
       =o4gHCmTQDVI', 0008);
36 insert into trailer values (0009, '3', 'https://www.youtube.com/watch?v
       =zSWdZVtXT7E', 0009);
37 insert into trailer values (0010, '2', 'https://www.youtube.com/watch?v
       =iszwuX1AK6A', 0010);
38 insert into trailer values (0011, '3', 'https://www.youtube.com/watch?v
       =vKQi3bBA1y8', 0006);
39 insert into trailer values (0012, '2', 'https://www.youtube.com/watch?v
       =pabEtIERlic', 0010);
40 insert into trailer values (0013, '3', 'https://www.youtube.com/watch?v
       =5DO-nDW43Ik', 0002);
41 insert into trailer values (0014, '2', 'https://www.youtube.com/watch?v
       =ewlwcEBTvcg', 0005);
42 insert into trailer values (0015, '2', 'https://www.youtube.com/watch?v
       =Div0iP65aZo&t=15s', 0007);
43 insert into trailer values (0016, '4', 'https://www.youtube.com/watch?v
       =RH3OxVFvTeg', 0007);
44
45 /* studio inserts */
46 insert into studio values (0001, 'Castle Rock Studios', 'America');
47 insert into studio values (0002, 'Paramount Pictures', 'America');
48 insert into studio values (0003, 'Warner Bros', 'America');
49 insert into studio values (0004, 'Lionsgate Studios', 'America');
50 insert into studio values (0005, 'Miramax Films', 'America');
51 insert into studio values (0006, 'Road Show Entertainment', 'Australia'
       );
52 insert into studio values (0007, 'Marvel Studios', 'America');
53
54 /* movie-studio inserts */
55 insert into movie_studio values (0001, 0001, 0001);
56 insert into movie_studio values (0002, 0002, 0002);
57 insert into movie_studio values (0003, 0003, 0003);
58 insert into movie_studio values (0004, 0004, 0004);
59 insert into movie_studio values (0005, 0005, 0005);
60 insert into movie_studio values (0006, 0006, 0003);
```

```sql
insert into movie_studio values (0007, 0006, 0006);
insert into movie_studio values (0008, 0007, 0007);
insert into movie_studio values (0009, 0008, 0003);
insert into movie_studio values (0010, 0009, 0003);
insert into movie_studio values (0011, 0010, 0002);

/* genre inserts */
insert into genre values (0001, 'Drama', 'Drama film is a genre that
    relies on the emotional and relational development of realistic
    characters');
insert into genre values (0002, 'Crime', 'Films that focus on crime');
insert into genre values (0003, 'Action', 'Action film is a film genre
    in which the protagonist or protagonists end up in a series of
    challenges that typically include violence, extended fighting,
    physical feats, and frantic chases.');
insert into genre values (0004, 'Comic Book', 'Film adaptions from
    comic books and graphic novels');
insert into genre values (0005, 'Sci-Fi', 'Films of speculative fiction
    , typically dealing with imaginative concepts such as futuristic
    science and tech');
insert into genre values (0006, 'Mystery', 'Is a type of fiction in
    which a detective, or other professional, solves a crime or series
    of crimes');
insert into genre values (0007, 'Adventure', 'An adventure is an event
    or series of events that happens outside the course of the
    protagonist''s ordinary life, usually accompanied by danger, often
    by physical action.');
insert into genre values (0008, 'Comedy', 'Comedy is a genre of film in
     which the main emphasis is on humor. ');

/* movie-genre inserts */
insert into movie_genre values (0001, 0001, 0001);
insert into movie_genre values (0002, 0002, 0002);
insert into movie_genre values (0003, 0002, 0001);
insert into movie_genre values (0004, 0003, 0002);
insert into movie_genre values (0005, 0003, 0003);
insert into movie_genre values (0006, 0003, 0004);
insert into movie_genre values (0007, 0004, 0002);
insert into movie_genre values (0008, 0004, 0001);
insert into movie_genre values (0009, 0005, 0001);
insert into movie_genre values (0010, 0005, 0002);
insert into movie_genre values (0011, 0006, 0003);
insert into movie_genre values (0012, 0006, 0005);
insert into movie_genre values (0013, 0007, 0004);
insert into movie_genre values (0014, 0007, 0003);
insert into movie_genre values (0015, 0007, 0005);
insert into movie_genre values (0016, 0008, 0001);
insert into movie_genre values (0017, 0008, 0006);
insert into movie_genre values (0018, 0009, 0007);
insert into movie_genre values (0019, 0009, 0001);
insert into movie_genre values (0020, 0009, 0005);
insert into movie_genre values (0021, 0010, 0008);
insert into movie_genre values (0022, 0010, 0002);
```

```
105  /* person inserts */
106  insert into person values (0001, 'Morgan', 'Freeman', 'American', 'http
         ://www.imdb.com/name/nm0000151/mediaviewer/rm3587479040?ref_=
         nm_ov_ph');
107  insert into person values (0002, 'Tim', 'Robbins', 'American', 'http://
         www.imdb.com/name/nm0000209/mediaviewer/rm3789593344?ref_=nm_ov_ph'
         );
108  insert into person values (0003, 'Frank', 'Darabont', 'American', 'http
         ://www.imdb.com/name/nm0001104/mediaviewer/rm3402598144?ref_=
         nm_ov_ph');
109  insert into person values (0004, 'Stephen' , 'King' , 'American', 'http
         ://www.imdb.com/name/nm0000175/mediaviewer/rm2162726912?ref_=
         nm_ov_ph');
110  insert into person values (0005, 'Al', 'Pacino', 'American', 'http://
         www.imdb.com/name/nm0000199/mediaviewer/rm3894385408?ref_=nm_ov_ph'
         );
111  insert into person values (0006, 'Marlon', 'Brando', 'American', 'http
         ://www.imdb.com/name/nm0000008/mediaviewer/rm1238402304?ref_=
         nm_ov_ph');
112  insert into person values (0007, 'Francis Ford', 'Coppola', 'Italian',
         'http://www.imdb.com/name/nm0000338/mediaviewer/rm604472576?ref_=
         nm_ov_ph');
113  insert into person values (0008, 'Christian', 'Bale' , 'American', '
         http://www.imdb.com/name/nm0000288/mediaviewer/rm3114052352?ref_=
         nm_ov_ph');
114  insert into person values (0009, 'Heath', 'Ledger', 'American', 'http
         ://www.imdb.com/name/nm0005132/mediaviewer/rm1308400384?ref_=
         nm_ov_ph');
115  insert into person values (0010, 'Christopher', 'Nolan', null, 'http://
         www.imdb.com/name/nm0634240/mediaviewer/rm2047771392?ref_=nm_ov_ph'
         );
116  insert into person values (0011, 'Jonathan', 'Nolan', null, 'http://www
         .imdb.com/name/nm0634300/mediaviewer/rm3593121792?ref_=nm_ov_ph');
117  insert into person values (0012, 'Mary', 'Harron', null, 'http://www.
         imdb.com/name/nm0366004/mediaviewer/rm1540923392?ref_=nm_ov_ph');
118  insert into person values (0013, 'Justin', 'Theroux', null, 'http://www
         .imdb.com/name/nm0857620/mediaviewer/rm605539840?ref_=nm_ov_ph');
119  insert into person values (0014, 'John', 'Travolta', 'American', 'http
         ://www.imdb.com/name/nm0000237/mediaviewer/rm3504714496?ref_=
         nm_ov_ph');
120  insert into person values (0015, 'Tim', 'Roth', 'American', null);
121  insert into person values (0016, 'Quentin', 'Tarantino', 'American', '
         http://www.imdb.com/name/nm0000233/mediaviewer/rm4146963200?ref_=
         nm_ov_ph');
122  insert into person values (0017, 'Keanu', 'Reeves', 'American', 'http
         ://www.imdb.com/name/nm0000206/mediaviewer/rm3751520256?ref_=
         nm_ov_ph');
123  insert into person values (0018, 'Laurence', 'Fishburne', null, 'http
         ://www.imdb.com/name/nm0000401/mediaviewer/rm1925683200?ref_=
         nm_ov_ph');
124  insert into person values (0019, 'Lana', 'Wachowski', 'American', 'http
         ://www.imdb.com/name/nm0905154/mediaviewer/rm3382618368?ref_=
         nm_ov_ph');
125  insert into person values (0020, 'Lilly', 'Wachowski', null, 'http://
         www.imdb.com/name/nm0905152/mediaviewer/rm1928797184?ref_=nm_ov_ph'
         );
126  insert into person values (0021, 'Hugh', 'Jackman', 'Australian', 'http
         ://www.imdb.com/name/nm0413168/mediaviewer/rm772779264?ref_=
```

```
          nm_ov_ph');
127  insert into person values (0022, 'Paddy', 'Stewart', 'American', null);
128  insert into person values (0023, 'Matthew', 'McConaughey', 'American',
         'http://www.imdb.com/name/nm0000190/mediaviewer/rm477213952?ref_=
         nm_ov_ph');
129  insert into person values (0024, 'Ellen', null, 'American', 'http://www
         .imdb.com/name/nm0000995/mediaviewer/rm577411584?ref_=nm_ov_ph');
130  insert into person values (0025, 'Leonardo', 'DiCaprio', 'American', '
         http://www.imdb.com/name/nm0000138/mediaviewer/rm487490304?ref_=
         nm_ov_ph');
131  insert into person values (0026, 'Jonah', 'Hill', 'American', 'http://
         www.imdb.com/name/nm1706767/mediaviewer/rm4139364608?ref_=nm_ov_ph'
         );
132  insert into person values (0027, 'Martin', 'Scorsese', 'American', '
         http://www.imdb.com/name/nm0000217/mediaviewer/rm1221431040?ref_=
         nm_ov_ph');
133
134
135  /* role inserts */
136  insert into role values (0001, 'co-actor', 0001, 0001);
137  insert into role values (0002, 'lead actor', 0001, 0002);
138  insert into role values (0003, 'director' , 0001, 0003);
139  insert into role values (0004, 'writer', 0001, 0004);
140  insert into role values (0005, 'lead actor', 0002, 0006);
141  insert into role values (0006, 'co-actor', 0002, 0005);
142  insert into role values (0007, 'director', 0002, 0007);
143  insert into role values (0008, 'director', 0003, 0010);
144  insert into role values (0009, 'writer', 0003, 0011);
145  insert into role values (0010, 'screenplay', 0003, 0010);
146  insert into role values (0011, 'lead actor', 0003, 0008);
147  insert into role values (0012, 'co-actor', 0003, 0009);
148  insert into role values (0013, 'lead actor', 0004, 0008);
149  insert into role values (0014, 'director', 0004, 0012);
150  insert into role values (0015, 'co-actor', 0004, 0013);
151  insert into role values (0016, 'co-actor', 0005, 0014);
152  insert into role values (0017, 'co-actor', 0005, 0015);
153  insert into role values (0018, 'co-actor', 0005, 0016);
154  insert into role values (0019, 'director', 0005, 0016);
155  insert into role values (0020, 'writer', 0005, 0016);
156  insert into role values (0021, 'lead actor', 0006, 0017);
157  insert into role values (0022, 'co-actor', 0006, 0018);
158  insert into role values (0023, 'director', 0006, 0019);
159  insert into role values (0024, 'director', 0006, 0020);
160  insert into role values (0025, 'writer', 0006, 0019);
161  insert into role values (0026, 'writer', 0006, 0020);
162  insert into role values (0027, 'lead actor', 0007, 0021);
163  insert into role values (0028, 'co-actor', 0007, 0022);
164  insert into role values (0029, 'lead actor', 0008, 0021);
165  insert into role values (0030, 'co-actor', 0008, 0008);
166  insert into role values (0031, 'director', 0008, 0010);
167  insert into role values (0032, 'lead actor', 0009, 0023);
168  insert into role values (0033, 'co-actor', 0009, 0024);
169  insert into role values (0034, 'director', 0009, 0010);
170  insert into role values (0035, 'lead actor', 0010, 0025);
171  insert into role values (0036, 'co-actor', 00010, 0026);
172  insert into role values (0037, 'director', 00010, 0017);
173
174
```

```sql
175
176
177 /* sound track inserts */
178 insert into soundtrack values (0001, 'The Shawshank Redemption
       Soundtrack', 5, 0001);
179 insert into soundtrack values (0002, 'The Godfather Soundtrack', 6,
       0002);
180 insert into soundtrack values (0003, 'The Dark Knight', 5, 0003);
181 insert into soundtrack values (0004, 'American Psycho: Music from the
       Controversial movie picture', 10, 0004);
182 insert into soundtrack values (0005, 'Music from the Motion Picture
       Pulp Fiction', 16, 0005);
183 insert into soundtrack values (0006, 'The Matrix, Music, Music from the
        Motion Picture', 13, 0006);
184 insert into soundtrack values (0007, 'Logan Music', 16, 0007);
185 insert into soundtrack values (0008, 'The Prestige: Original Score',
       17, 0008);
186 insert into soundtrack values (0009, 'Interstellar Soundtrack', 16,
       0009);
187 insert into soundtrack values (0010, 'The Wolf Of Wall Street', 16,
       0010);
188
189 /* song inserts */
190 insert into song values (0001, 'May' , 1 , 'www.youtube.com/may');
191 insert into song values (0002, 'Shawshank Prison', 2, 'www.youtube.com/
       shawshankprison');
192 insert into song values (0003, 'New Fish', 3, 'www.youtube.com/newfish'
       );
193 insert into song values (0004, 'Rock Hammer', 3, 'www.youtube,com/
       rockhammer');
194 insert into song values (0005, 'An Inch of his life', 2, 'www.youtube.
       com/aninchofhislife');
195 insert into song values (0006, 'The Godfather Waltz', 4, 'www.youtube.
       com/thewaltz');
196 insert into song values (0007, 'I have but one heart', 3, 'www.youtube.
       com/ihavebutoneheart');
197 insert into song values (0008, 'The Pickup', 2, 'www.youtube.com/
       thepickup');
198 insert into song values (0009, 'Connies Wedding', 3, 'www.youtube.com/
       connieswedding');
199 insert into song values (0010, 'Miller Compilation', 20, 'www.youtube.
       com/millercompilation');
200 insert into song values (0011, 'Hip to be Square', 3, 'www.youtube.com/
       hiptobesquare');
201 insert into song values (0012, 'You Spin me Round', 2, 'www.youtube.com
       /youspinmeround');
202 insert into song values (0013, 'Jungle Boogie', 3, 'www.youtube.com/
       jungleboogie');
203 insert into song values (0014, 'Son of a Preacher Man', 4, 'www.youtube
       .com/sonofapreacherman');
204 insert into song values (0015, 'Girl, Youll be a Woman Soon', 3, 'www.
       youtube.com/youllbeawomansoon');
205 insert into song values (0016, 'Rock is Dead', 3, 'www.youtube.com/
       rockisdead');
206 insert into song values (0017, 'Mindfields', 5, 'www.youtube.com/
       mindfields');
207 insert into song values (0018, 'Du Hast', 4, 'www.youtube.com/duhast');
```

```sql
insert into song values (0019, 'Dragula', 4, 'www.youtube.com/dragula')
    ;
insert into song values (0020, 'Make it Bang', 4, 'www.youtube.com/
    makeitbang');
insert into song values (0021, 'I got a name', 3, 'www.youtube.com/
    igotaname');
insert into song values (0022, 'Are you watching closely', 3, 'www.
    youtube.com/areyouwatching');
insert into song values (0023, 'The light field', 2, 'www.youtube.com/
    thelightfield');
insert into song values (0024, 'Border Meets Sarah', 4, 'www.youtube.
    com/bordermeetssarah');
insert into song values (0025, 'No, not today', 5, 'www.youtube.com/
    nonottoday');
insert into song values (0026, 'Interstellar compilation', 72, 'https
    ://www.youtube.com/watch?v=iBfk37Fa3H0');
insert into song values (0027, 'Bang Bang', 4, 'www.youtube.com/
    bangbang');
insert into song values (0028, 'Pretty Thing', 3, 'www.youtube.com/
    prettything');
insert into song values (0029, 'Smokestack Lightning', 4, 'www.youtube.
    com/smokestack');


/* soundtrack-song inserts */
insert into soundtrack_song values (0001, 0001, 0001);
insert into soundtrack_song values (0002, 0001, 0002);
insert into soundtrack_song values (0003, 0001, 0003);
insert into soundtrack_song values (0004, 0001, 0004);
insert into soundtrack_song values (0005, 0001, 0005);
insert into soundtrack_song values (0006, 0002, 0006);
insert into soundtrack_song values (0007, 0002, 0007);
insert into soundtrack_song values (0008, 0002, 0008);
insert into soundtrack_song values (0009, 0002, 0009);
insert into soundtrack_song values (0010, 0003, 0010);
insert into soundtrack_song values (0011, 0004, 0011);
insert into soundtrack_song values (0012, 0004, 0012);
insert into soundtrack_song values (0013, 0005, 0013);
insert into soundtrack_song values (0014, 0005, 0014);
insert into soundtrack_song values (0015, 0005, 0015);
insert into soundtrack_song values (0016, 0006, 0016);
insert into soundtrack_song values (0017, 0006, 0017);
insert into soundtrack_song values (0018, 0006, 0018);
insert into soundtrack_song values (0019, 0006, 0019);
insert into soundtrack_song values (0020, 0007, 0020);
insert into soundtrack_song values (0021, 0007, 0021);
insert into soundtrack_song values (0022, 0008, 0022);
insert into soundtrack_song values (0023, 0008, 0023);
insert into soundtrack_song values (0024, 0008, 0024);
insert into soundtrack_song values (0025, 0008, 0025);
insert into soundtrack_song values (0026, 0009, 0026);
insert into soundtrack_song values (0027, 0010, 0027);
insert into soundtrack_song values (0028, 0010, 0028);
insert into soundtrack_song values (0029, 0010, 0029);
```

```sql
/* artiste inserts */
insert into artiste values (0001, 'Thomas Newman', 'American');
insert into artiste values (0002, 'Nino Rota', 'Italian');
insert into artiste values (0003, 'Joe Bloggs', 'British');
insert into artiste values (0004, 'Carmine Coppola', 'Italian');
insert into artiste values (0005, 'Hans Zimmer', 'Germamn');
insert into artiste values (0006, 'Hughie Lewis', 'American');
insert into artiste values (0007, 'Edsel Dope', 'American');
insert into artiste values (0008, 'Acey Slade', 'American');
insert into artiste values (0009, 'Racci Shay', 'American');
insert into artiste values (0010, 'Virus', 'American');
insert into artiste values (0011, 'John Hurley', 'American');
insert into artiste values (0012, 'Neil Diamond', 'American');
insert into artiste values (0013, 'Robert Bell', 'American');
insert into artiste values (0014, 'Ronald Bell', 'American');
insert into artiste values (0015, 'George Brown', 'American');
insert into artiste values (0016, 'Lavell Evans', 'American');
insert into artiste values (0017, 'Amir Bayyan', 'American');
insert into artiste values (0018, 'Marilyn Manson', 'American');
insert into artiste values (0019, 'Liam Howlett', 'British');
insert into artiste values (0020, 'Keith Flint', 'British');
insert into artiste values (0021, 'Maxim', 'British');
insert into artiste values (0022, 'Till Lindemann', 'German');
insert into artiste values (0023, 'Richard Z. Kruspe', 'German');
insert into artiste values (0024, 'Paul Landers', 'German');
insert into artiste values (0025, 'Christoph Schneider', null);
insert into artiste values (0026, 'Rob Zombie', null);
insert into artiste values (0027, 'Baauer', null);
insert into artiste values (0028, 'Jim Croce', null);
insert into artiste values (0029, 'David Julyan', 'American');
insert into artiste values (0030, 'Joe Cuba', null);
insert into artiste values (0031, 'Bo Diddley', 'American');
insert into artiste values (0032, 'Howlin Wolf', 'American');

/* song-artiste inserts */
insert into song_artiste values (0001, 0001, 0001);
insert into song_artiste values (0002, 0002, 0001);
insert into song_artiste values (0003, 0003, 0001);
insert into song_artiste values (0004, 0004, 0001);
insert into song_artiste values (0005, 0005, 0001);
insert into song_artiste values (0006, 0006, 0002);
insert into song_artiste values (0007, 0007, 0003);
insert into song_artiste values (0008, 0008, 0002);
insert into song_artiste values (0009, 0009, 0004);
insert into song_artiste values (0010, 0010, 0005);
insert into song_artiste values (0011, 0011, 0006);
insert into song_artiste values (0012, 0014, 0011);
insert into song_artiste values (0013, 0015, 0012);
insert into song_artiste values (0014, 0016, 0018);
insert into song_artiste values (0015, 0019, 0026);
insert into song_artiste values (0016, 0020, 0027);
insert into song_artiste values (0017, 0021, 0028);
insert into song_artiste values (0018, 0022, 0029);
insert into song_artiste values (0019, 0023, 0029);
insert into song_artiste values (0020, 0024, 0029);
insert into song_artiste values (0021, 0025, 0029);
```

```sql
313 insert into song_artiste values (0022, 0026, 0005);
314 insert into song_artiste values (0023, 0027, 0030);
315 insert into song_artiste values (0024, 0028, 0031);
316 insert into song_artiste values (0025, 0029, 0032);
317
318 /* band inserts */
319 insert into band values (0001, 'Dope');
320 insert into band values (0002, 'Kool and the Gang');
321 insert into band values (0003, 'The Prodigy');
322 insert into band values (0004, 'Rammstein');
323
324 /* song-band inserts */
325 insert into song_band values (0001, 0012, 0001);
326 insert into song_band values (0002, 0013, 0002);
327 insert into song_band values (0003, 0017, 0003);
328 insert into song_band values (0004, 0018, 0004);
329
330 /* artiste-band inserts */
331 insert into artiste_band values (0001, 'lead vocals', 0007, 0001);
332 insert into artiste_band values (0002, 'bass', 0008, 0001);
333 insert into artiste_band values (0003, 'drums', 0009, 0001);
334 insert into artiste_band values (0004, 'lead guitar', 0010, 0001);
335 insert into artiste_band values (0005, 'bass', 0013, 0002);
336 insert into artiste_band values (0006, 'saxophone', 0014, 0002);
337 insert into artiste_band values (0007, 'drums', 0015, 0002);
338 insert into artiste_band values (0008, 'lead vocals', 0016, 0002);
339 insert into artiste_band values (0009, 'guitar', 0017, 0002);
340 insert into artiste_band values (0010, 'Keyboards', 0019, 0003);
341 insert into artiste_band values (0011, 'dancer', 0020, 0003);
342 insert into artiste_band values (0012, 'MC', 0021, 0003);
343 insert into artiste_band values (0014, 'lead vocals', 0022, 0004);
344 insert into artiste_band values (0015, 'lead guitar', 0023, 0004);
345 insert into artiste_band values (0016, 'bass', 0024, 0004);
346 insert into artiste_band values (0017, 'drums', 0025, 0004);
```

3 Trigger Script

```
delimiter $$
create trigger before_movie_insert_movieRuntime before insert on movie
for each row
begin
  if new.movieRuntime <= 25 then
  signal sqlstate '42000'
  set message_text = 'Check constraint on movieRuntime in table movie
    failed. Runtime too short';
  end if;
end$$
delimiter ;


delimiter $$
create trigger before_movie_insert_movieCertificate before insert on
    movie
for each row
begin
  if new.movieCertificate not in ('N/A','PG','12','12A','15','15A','16'
    ,'18') then
    signal sqlstate '41000'
    set message_text = 'Check constraint on movieCertificate in table
    movie failed. Only Irish ratings';
    end if;
end$$
delimiter ;


delimiter $$
create trigger before_movie_insert_movieRating before insert on movie
for each row
begin
  if (new.movieRating < 1) OR (new.movieRating > 5) then
  signal sqlstate '42000'
  set message_text = 'Check constraint on movieRating in table movie
    failed. Outrageous rating my good sir/madame';
  end if;
end$$
delimiter ;
```

4 Create View Script

```sql
use sequelmovie;

create view movie_v_trailer as
  select movieTitle, trailerURL
  from movie, trailer
  where movieID = t_movieID;

create view movie_v_trailer_poster as
  select movieTitle, trailerURL, posterLink
  from movie, trailer, poster
  where movieID = t_movieID and movieID = p_movieID;

create view movie_v_soundtrack as
  select movieTitle, soundtrackName
  from movie, soundtrack
  where movieID = m_movieID;

create view movie_v_genre as
  select movieTitle, genreType
  from movie, genre, movie_genre
  where movieID = m_movieID and g_genreID = genreID;

create view soundtrack_v_song as
  select soundtrackName, songName
  from soundtrack, song, soundtrack_song
  where soundtrackID = soundtrack_soundtrackID and song_songID = songID
    ;

create view movie_v_actors as
  select movieTitle, personFirstName, personLastName, roleDesc
  from movie, person, role
  where movieID = m_movieID and p_personID = personID;

create view movie_v_studio as
  select movieTitle, studioName
  from movie, studio, movie_studio
  where movieID = m_movieID and s_studioID = studioID;
```