DROP TABLE GenreOf;

DROP TABLE CreatedBy;

DROP TABLE OnPlatform;

DROP TABLE Game;

DROP TABLE Movie;

DROP TABLE TVShow;

DROP TABLE Book;

DROP TABLE WatchList;

DROP TABLE WatchedList;

DROP TABLE Media;

DROP TABLE MediaFranchise;

DROP TABLE Platform;

DROP TABLE Creator;

DROP TABLE DistributionCompany;

DROP TABLE Genre;

DROP TABLE Watcher;

CREATE TABLE Watcher(

WatcherID NUMBER(8),

FullName VARCHAR2(30),

Email VARCHAR2(20),

Username VARCHAR2(20),

Password VARCHAR2(20),

PRIMARY KEY (WatcherID),

CONSTRAINT Duplicate\_Emails UNIQUE (Email),

CONSTRAINT Duplicate\_Usernames UNIQUE (Username)

);

CREATE TABLE Genre(

GenreID NUMBER(2),

GenreName VARCHAR2(20),

PRIMARY KEY (GenreID)

);

CREATE TABLE DistributionCompany(

CompanyID NUMBER(6),

CompanyName VARCHAR2(60),

Location VARCHAR2(30),

PRIMARY KEY (CompanyID)

);

CREATE TABLE Creator(

CreatorID NUMBER(6),

CreatorName VARCHAR2(50),

BornYear NUMBER(4),

DeathYear NUMBER(4),

PRIMARY KEY (CreatorID),

CONSTRAINT Died\_Before\_Born CHECK (BornYear < DeathYear)

);

CREATE TABLE Platform(

PlatformID NUMBER(2),

PlatformName VARCHAR2(10),

PRIMARY KEY (PlatformID)

);

CREATE TABLE MediaFranchise(

FranchiseID NUMBER(3),

GenreID NUMBER(2),

FranchiseName VARCHAR2(50),

PRIMARY KEY (FranchiseID),

CONSTRAINT FK\_Franchise\_Genre FOREIGN KEY (GenreID)

REFERENCES Genre(GenreID)

);

CREATE TABLE Media(

MediaID NUMBER(9),

MediaName VARCHAR2(150),

FranchiseID NUMBER(3),

LanguageID NUMBER(2),

CompanyID NUMBER(6),

Year Number(4),

Synopsis VARCHAR2(1000),

PRIMARY KEY (MediaID),

CONSTRAINT FK\_Media\_Franchise FOREIGN KEY (FranchiseID)

REFERENCES MediaFranchise(FranchiseID),

CONSTRAINT FK\_Media\_Company FOREIGN KEY (CompanyID)

REFERENCES DistributionCompany(CompanyID),

CONSTRAINT Invalid\_Language CHECK (LanguageID < 38)

);

CREATE TABLE WatchedList(

WatcherID NUMBER(8),

MediaID NUMBER(9),

Rating NUMBER(2),

PRIMARY KEY (WatcherID, MediaID),

CONSTRAINT FK\_WatchedList\_Watcher FOREIGN KEY (WatcherID)

REFERENCES Watcher(WatcherID),

CONSTRAINT FK\_WatchedList\_Media FOREIGN KEY (MediaID)

REFERENCES Media(MediaID),

CONSTRAINT Invalid\_Rating CHECK (Rating > 0 AND Rating < 11)

);

CREATE TABLE WatchList(

WatcherID NUMBER(8),

MediaID NUMBER(9),

AnticipationLevel NUMBER(2),

PRIMARY KEY (WatcherID, MediaID),

CONSTRAINT FK\_WatchList\_Watcher FOREIGN KEY (WatcherID)

REFERENCES Watcher(WatcherID),

CONSTRAINT FK\_WatchList\_Media FOREIGN KEY (MediaID)

REFERENCES Media(MediaID),

CONSTRAINT Invalid\_Anticipation CHECK(AnticipationLevel > 0 AND

AnticipationLevel < 11)

);

CREATE TABLE Book(

BookID NUMBER(9),

PageCount NUMBER(5),

ChapterCount NUMBER(3),

PRIMARY KEY (BookID),

CONSTRAINT FK\_Book\_Media FOREIGN KEY (BookID)

REFERENCES Media(MediaID),

CONSTRAINT Invalid\_PageCount CHECK (PageCount > 0),

CONSTRAINT Invalid\_ChapterCount CHECK (ChapterCount > 0)

);

CREATE TABLE TVShow(

TVShowID NUMBER(9),

SeasonCount NUMBER(2),

EpisodeCount NUMBER(4),

EpisodeLength NUMBER(3),

PRIMARY KEY (TVShowID),

CONSTRAINT FK\_TVShow\_Media FOREIGN KEY (TVShowID)

REFERENCES Media(MediaID),

CONSTRAINT Invalid\_SeasonCount CHECK (SeasonCount > 0),

CONSTRAINT Invalid\_EpisodeCount CHECK (EpisodeCount > 0),

CONSTRAINT Invalid\_EpisodeLength CHECK(EpisodeLength > 0)

);

CREATE TABLE Movie(

MovieID NUMBER(9),

MovieLength NUMBER(3),

PRIMARY KEY (MovieID),

CONSTRAINT FK\_Movie\_Media FOREIGN KEY (MovieID)

REFERENCES Media(MediaID),

CONSTRAINT Invalid\_MovieLength CHECK (MovieLength > 0)

);

CREATE TABLE Game(

GameID NUMBER(9),

GameType NUMBER(1),

Difficulty NUMBER(2),

PRIMARY KEY (GameID),

CONSTRAINT FK\_Game\_Media FOREIGN KEY (GameID)

REFERENCES Media(MediaID),

CONSTRAINT Invalid\_Difficulty CHECK (Difficulty > 0 AND Difficulty <11)

);

CREATE TABLE OnPlatform(

GameID NUMBER(9),

PlatformID NUMBER(2),

PRIMARY KEY (GameID, PlatformID),

CONSTRAINT FK\_OnPlatform\_Game FOREIGN KEY (GameID)

REFERENCES Game(GameID),

CONSTRAINT FK\_OnPlatform\_Platform FOREIGN KEY (PlatformID)

REFERENCES Platform(PlatformID)

);

CREATE TABLE CreatedBy(

MediaID NUMBER(9),

CreatorID NUMBER(6),

Position NUMBER(1),

PRIMARY KEY (MediaID, CreatorID),

CONSTRAINT FK\_CreatedBy\_Media FOREIGN KEY (MediaID)

REFERENCES Media(MediaID),

CONSTRAINT FK\_CreatedBy\_Creator FOREIGN KEY (CreatorID)

REFERENCES Creator(CreatorID)

);

CREATE TABLE GenreOf(

MediaID NUMBER(9),

GenreID NUMBER(2),

PRIMARY KEY (MediaID, GenreID),

CONSTRAINT FK\_GenreOf\_Media FOREIGN KEY (MediaID)

REFERENCES Media(MediaID),

CONSTRAINT FK\_GenreOf\_Genre FOREIGN KEY (GenreID)

REFERENCES Genre(GenreID)

);