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--Create a database named MOVIESDB
CREATE DB MOVIESDB;

CONNECT TO MOVIESDB;

CREATE SCHEMA FILM;
CREATE SCHEMA MOVIEINDEX;
--By setting the SCHEMA as FILM there's no need to refer to the SCHEME on each table creation
SET SCHEMA = MOVIEINDEX;

-- Country
CREATE TABLE COUNTRY (
    ID          INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1),
    NAME        VARCHAR(30) UNIQUE NOT NULL,
    PRIMARY KEY(ID)
);
--IN MOVIEINDEX;

-- Gender
CREATE TABLE GENDERS (
    ID          INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1),
    NAME        VARCHAR(30) UNIQUE NOT NULL,
    PRIMARY KEY(ID)
);
--IN MOVIEINDEX;

-- DIRECTOR
CREATE TABLE DIRECTOR (
    ID          INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1),
    NAME        VARCHAR(50) NOT NULL,
    LASTNAME    VARCHAR(30) NOT NULL,
    NATIONALITYID INTEGER NOT NULL,
    FOREIGN     KEY(NATIONALITYID) REFERENCES COUNTRY(ID),
    PRIMARY     KEY(ID)
);
--IN MOVIEINDEX;

-- ACTOR
CREATE TABLE ACTOR (
    ID          INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1),
    NAME        VARCHAR(50) NOT NULL,
    LASTNAME    VARCHAR(30) NOT NULL,
    NATIONALITYID INTEGER NOT NULL,
    FOREIGN     KEY(NATIONALITYID) REFERENCES COUNTRY(ID),
    PRIMARY     KEY(ID)
);
--IN MOVIEINDEX;

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);
--IN MOVIEINDEX;

-- Studio
CREATE TABLE STUDIO (
    ID          INTEGER          NOT          NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 IN
    NAME        VARCHAR(30)      UNIQUE       NOT NULL,
    NATIONALITYID INTEGER       NOT          NULL,
    FOREIGN KEY(NATIONALITYID) REFERENCES COUNTRY(ID),
    PRIMARY KEY(ID)
);
--IN MOVIEINDEX;

-- CLASIFICATION
CREATE TABLE CLASIFICATION (
    ID          INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1),
    SHORT_NAME  VARCHAR(30) UNIQUE NOT NULL,
    NAME        VARCHAR(30) UNIQUE NOT NULL,
    PRIMARY KEY(ID)
);
--IN MOVIEINDEX;

-- MOVIES
CREATE TABLE MOVIE (
    ID          INTEGER          NOT          NULL GENERATED ALWAYS AS IDENTITY (START
    NAME        VARCHAR(50)      NOT          NULL,
    DURATION    INTEGER          NOT          NULL,
    COST        FLOAT           NOT          NULL,
    INCOME      FLOAT           NOT          NULL,
    RELEASE_DATE DATE           NOT          NULL,
    CLASIFICATIONID INTEGER      NOT          NULL,
    FOREIGN KEY(CLASIFICATIONID) REFERENCES CLASIFICATION(ID),
    COUNTRYID   INTEGER          NOT          NULL,
    FOREIGN KEY(COUNTRYID) REFERENCES COUNTRY(ID),
    STUDIOID    INTEGER          NOT          NULL,
    FOREIGN KEY(STUDIOID) REFERENCES STUDIO(ID),
    DIRECTORID  INTEGER          NOT          NULL,
    FOREIGN KEY(DIRECTORID) REFERENCES DIRECTOR(ID),
    PRIMARY KEY(ID)
);
--IN MOVIEINDEX;

-- Actor-Movie
CREATE TABLE ACTOR_MOVIE (
    ACTORDID INTEGER NOT NULL,

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        FOREIGN KEY(ACTORDID) REFERENCES ACTOR(ID),
        MOVIEDID INTEGER NOT NULL,
        FOREIGN KEY(MOVIEDID) REFERENCES MOVIE(ID),
    );
--IN MOVIEINDEX;

-- Gender-Movie
CREATE TABLE GENDER_MOVIE (
    MOVIEID INTEGER NOT NULL,
    FOREIGN KEY(MOVEID) REFERENCES MOVIE(ID),
    GENDERID INTEGER NOT NULL,
    FOREIGN KEY(GENDERID) REFERENCES GENDERS(ID),
);
--IN MOVIEINDEX;

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