-- creating database --

CREATE DATABASE Famous\_Ghanaian\_Entertainers;

USE Famous\_Ghanaian\_Entertainers;

-- creating People Table --

CREATE TABLE People (

Person\_id INT AUTO\_INCREMENT PRIMARY KEY,

Celebrity\_name TEXT NOT NULL,

Date\_of\_birth DATE,

Nationality TEXT,

Region TEXT,

Occupation TEXT

);

-- Inserting Values --

INSERT INTO People (Celebrity\_name, Date\_of\_birth, Nationality, Region, Occupation) VALUES

('John Dumelo', '1984-02-03', 'Ghanaian', 'Greater Accra', 'Actor'),

('Shatta Wale', '1984-10-17', 'Ghanaian', 'Greater Accra', 'Singer'),

('Joselyn Dumas', '1980-08-31', 'Ghanaian', 'Greater Accra', 'Actor'),

('Stonebwoy', '1988-03-05', 'Ghanaian', 'Volta Region', 'Singer'),

('Yvonne Nelson', '1985-11-12', 'Ghanaian', 'Greater Accra', 'Actor'),

('Kuami Eugene', '1997-04-15', 'Ghanaian', 'Eastern Region', 'Singer'),

('Nana Ama McBrown', '1977-08-15', 'Ghanaian', 'Ashanti Region', 'Actor'),

('Sarkodie', '1988-07-10', 'Ghanaian', 'Ashanti Region', 'Singer'),

('Van Vicker', '1977-08-01', 'Ghanaian', 'Greater Accra', 'Actor'),

('Fuse ODG', '1988-12-02', 'Ghanaian', 'Greater Accra', 'Singer'),

('Majid Michel', '1980-09-22', 'Ghanaian', 'Greater Accra', 'Actor'),

('Becca', '1984-08-15', 'Ghanaian', 'Greater Accra', 'Singer'),

('Lydia Forson', '1984-10-24', 'Ghanaian', 'Central Region', 'Actor'),

('Samini', '1981-12-22', 'Ghanaian', 'Ashanti Region', 'Singer'),

('Jackie Appiah', '1983-12-05', 'Ghanaian', 'Greater Accra', 'Actor'),

('MzVee', '1992-06-23', 'Ghanaian', 'Greater Accra', 'Singer'),

('Adjetey Anang', '1978-07-03', 'Ghanaian', 'Greater Accra', 'Actor'),

('Efya', '1987-04-10', 'Ghanaian', 'Greater Accra', 'Singer'),

('Nadia Buari', '1982-11-21', 'Ghanaian', 'Greater Accra', 'Actor'),

('King Promise', '1996-06-06', 'Ghanaian', 'Greater Accra', 'Singer');

-- Creating the Movies Table --

CREATE TABLE Movies (

Movie\_id INT AUTO\_INCREMENT PRIMARY KEY,

Title TEXT NOT NULL,

Release\_year INT,

Genre TEXT,

Box\_office\_revenue DECIMAL(15, 2),

Person\_id INT,

FOREIGN KEY (Person\_id) REFERENCES People(Person\_id)

);

-- Inserting Values --

INSERT INTO Movies (Title, Release\_year, Genre, Box\_office\_revenue, Person\_id) VALUES

('A Northern Affair', 2013, 'Drama', 500000, 1),

('4Play Reloaded', 2011, 'Comedy', 300000, 3),

('The Perfect Picture', 2009, 'Romance', 450000, 5),

('Single and Married', 2012, 'Comedy', 400000, 7),

('Adams Apple', 2011, 'Drama', 350000, 9),

('Somewhere in Africa', 2012, 'Drama', 600000, 11),

('The Perfect Picture', 2009, 'Romance', 450000, 15),

('4Play Reloaded', 2011, 'Comedy', 300000, 13),

('The Game', 2017, 'Thriller', 500000, 17),

('Potomanto', 2013, 'Drama', 550000, 19);

-- Creating Music Table --

CREATE TABLE Music (

Music\_id INT AUTO\_INCREMENT PRIMARY KEY,

Title TEXT NOT NULL,

Release\_year INT,

Genre TEXT,

Album\_name TEXT,

Streams INT,

Person\_id INT,

FOREIGN KEY (Person\_id) REFERENCES People(Person\_id)

);

-- Inserting Values --

INSERT INTO Music (Title, Release\_year, Genre, Album\_name, Streams, Person\_id) VALUES

('Taking Over', 2017, 'Dancehall', 'Reign', 10000000, 2),

('Baafira', 2019, 'Afrobeats', 'Anloga Junction', 8000000, 4),

('Angela', 2020, 'Afrobeats', 'Son of Africa', 12000000, 6),

('Adonai', 2015, 'Hip Hop', 'Mary', 15000000, 8),

('Antenna', 2014, 'Afrobeats', 'T.I.N.A', 9000000, 10),

('Daa Ke Daa', 2013, 'Afrobeats', 'Time for Me', 5000000, 12),

('I Love You', 2017, 'Afrobeats', 'Unveiling', 7000000, 14),

('My Own', 2016, 'Reggae', 'Dancehall King', 8000000, 16),

('CCTV', 2019, 'Afrobeats', 'King of Boys', 9000000, 20),

('Best in Me', 2019, 'Afrobeats', 'Efya', 9500000, 18);

-- Creating Awards Table --

CREATE TABLE Awards (

Award\_id INT AUTO\_INCREMENT PRIMARY KEY,

Award\_name TEXT NOT NULL,

Category TEXT,

Award\_year INT,

Person\_id INT,

FOREIGN KEY (Person\_id) REFERENCES People(Person\_id)

);

-- Inserting Values --

INSERT INTO Awards (Award\_name, Category, Award\_year, Person\_id) VALUES

('Ghana Movie Awards', 'Best Actor', 2014, 1),

('Vodafone Ghana Music Awards', 'Artiste of the Year', 2015, 2),

('Africa Magic Viewers Choice Awards', 'Best Actress', 2016, 3),

('Ghana Music Awards', 'Best Reggae/Dancehall Artiste', 2018, 4),

('3Music Awards', 'Best Male Act', 2021, 6),

('Ghana Movie Awards', 'Best Actor', 2013, 11),

('Vodafone Ghana Music Awards', 'Best Female Vocalist', 2014, 12),

('Africa Magic Viewers Choice Awards', 'Best Actress in a Comedy', 2015, 13),

('3Music Awards', 'Best Female Act', 2018, 16),

('Africa Movie Academy Awards', 'Best Actor in a Leading Role', 2019, 17);

-- Creating Contributions Table --

CREATE TABLE Contributions (

Contribution\_id INT AUTO\_INCREMENT PRIMARY KEY,

Person\_id INT,

Movie\_industry\_role TEXT,

Music\_industry\_role TEXT,

FOREIGN KEY (Person\_id) REFERENCES People(Person\_id)

);

-- Inserting Vales --

INSERT INTO Contributions (Person\_id, Movie\_industry\_role, Music\_industry\_role) VALUES

(1,"lead Actor", ""),

(2, "", "Singer"),

(3, "Lead Actress", ""),

(4,"", "Singer"),

(5, "Lead Actress", "Singer"),

(6, "", "Singer"),

(7, "Lead Actress", "Singer"),

(8, "", "Singer"),

(9, "Lead Actor", ""),

(10, "", "Singer"),

(11,"Lead Actor", "Singer"),

(12, "Lead Actress", "Singer"),

(13, "Lead Actress", ""),

(14, "", "Singer"),

(15, "Lead Actress", ""),

(16, "", "Singer"),

(17, "Lead Actor", ""),

(18, "", "Singer"),

(19, "Lead Actress", ""),

(20, "", "Singer");

-- Creating Possession Table --

CREATE TABLE Possessions (

Possession\_id INT AUTO\_INCREMENT PRIMARY KEY,

Person\_id INT,

Possession\_type TEXT,

Networth DECIMAL(15, 2),

Purchase\_year INT,

FOREIGN KEY (Person\_id) REFERENCES People(Person\_id)

);

INSERT INTO Possessions (Person\_id, Possession\_type, Networth, Purchase\_year) VALUES

(1, "House", 900000.00, 2024),

(2, "Jewelry", 1000000.00, 2018),

(3, "Car", 90000.00, 2019),

(4, "Car", 100000.00, 2020),

(5, "House", 600000.00, 2018),

(6, "Car", 50000.00, 2021),

(7, "Real Estate", 1000000.00, 2019),

(8, "Island", 2000000.00, 2021),

(9, "House", 750000.00, 2018),

(10, "Boat", 120000.00, 2021),

(11, "House", 700000.00, 2018),

(12, "Jewelry", 30000.00, 2019),

(13, "Car", 110000.00, 2018),

(14, "Jewelry", 20000.00, 2020),

(15, "House", 1000000.00, 2018),

(16, "Car", 95000.00, 2021),

(17, "House", 700000.00, 2019),

(18, "Jewelry", 25000.00, 2019),

(19, "House", 850000.00, 2020),

(20, "Car", 130000.00, 2022);

-- Querries --

-- 1. Finding celebrities who have won an award and have starred in a movie with a box office revenue greater than 400,000 --

-- 2. List the celebrities who have released music in the 'Afrobeats' genre and have a net worth greater than 50,000 --

-- 3. Retrieve the names of celebrities who have won an award in 2018 or later and have a music album released after 2017 --

-- 4. Find celebrities who have acted in movies of the 'Drama' genre and have also released music in the 'Afrobeats' genre --

-- 5. List the celebrities who have an Island as a possession and have released a song with more than 9,000,000 streams --

-- 6. List the celebrities who have a possession purchased in 2018 or laterband have released a song in the same period--

-- 7.Calculate and compare the average networth of Celebrities in the music and movie industries. --

SELECT \* FROM People;

SELECT \* FROM Movies;

SELECT \* FROM Music;

SELECT \* FROM Possessions;

SELECT \* FROM Awards;

SELECT \* FROM Contributions;

-- 1. Finding celebrities who have won an award and have starred in a movie with a box office revenue greater than 400,000 --

SELECT People.Celebrity\_name, Awards.Category, Movies.Box\_office\_revenue

FROM People

JOIN Awards

ON People.Person\_id = Awards.Person\_id

JOIN Movies

ON People.Person\_id = Movies.Person\_id

HAVING Movies.Box\_office\_revenue > 400000;

-- 2. Listing the celebrities who have released music in the 'Afrobeats' genre and have a net worth greater than 50000 --

SELECT People.Celebrity\_name, Music.Genre, Possessions.Networth

FROM People

JOIN Music

ON People.Person\_id = Music.Person\_id

JOIN Possessions

ON People.Person\_id = Possessions.Person\_id

WHERE Music.Genre = 'Afrobeats'

AND Possessions.Networth > 50000;

-- 3. Retrieving the names of celebrities who have won an award in 2018 or later and have a music album released after 2017 --

SELECT People.Celebrity\_name, Awards.Category, Awards.Award\_year, Music.Album\_name

FROM People

JOIN Awards

ON People.Person\_id = Awards.Person\_id

JOIN Music

ON People.Person\_id = Music.Person\_id

WHERE Awards.Award\_year >= 2018

AND Music.Release\_year > 2017;

-- 4. Finding celebrities who have acted in movies of the 'Drama' genre and have also released music in the 'Afrobeats' genre --

SELECT People.Celebrity\_Name, Movies.Genre, Music.Album\_name

FROM People

JOIN Movies

ON People.Person\_id = Movies.Person\_id

JOIN Music

ON People.Person\_id = Music.Person\_id

WHERE Movies.Genre = 'Drama'

AND Music.Genre = 'Afrobeats';

-- 5. Listing celebrities who have an Island as a possession and have released a song with more than 7,000,000 streams --

SELECT People.Celebrity\_name, Possessions.Possession\_type, Music.Streams

FROM People

JOIN Possessions

ON People.Person\_id = Possessions.Person\_id

JOIN Music

ON People.Person\_id = Music.Person\_id

WHERE Possessions.Possession\_type ='Island'

AND Music.Streams > 7000000;

-- 6. Listing celebrities who have a possession purchased in 2018 or later and have released a song in the same period --

SELECT People.Celebrity\_name, Possessions.Purchase\_year, Music.Release\_year

FROM People

JOIN Possessions

ON People.Person\_id = Possessions.Person\_id

JOIN Music

ON People.Person\_id = Music.Person\_id

WHERE Possessions.Purchase\_year>=2018

AND Music.Release\_year >= 2018

ORDER BY Possessions.Purchase\_year DESC;

-- 7.Calculating and comparing the average networth of celebrities in the music and movie industries. --

-- Music Industry --

SELECT Music.Genre, AVG(Networth) AS Avg\_Networth

FROM Possessions

JOIN Music

ON Possessions.Person\_id = Music.Person\_id

GROUP BY Music.Genre

ORDER BY Avg\_Networth DESC;

-- Movie Industry --

SELECT Movies.Genre, AVG(Networth) AS Avg\_Networth

FROM Possessions

JOIN Movies

ON Possessions.Person\_id = Movies.Person\_id

GROUP BY Movies.Genre

ORDER BY Avg\_Networth DESC;

-- Run both codes simultaneously to compare --