-- 1. Retrieve all Netflix Originals with an IMDb score greater than 7, runtime greater than 100 minutes, and the language is either English or Spanish.

SELECT

\*

FROM

netflix\_originals

WHERE

IMDBScore > 7 AND Runtime > 100

AND (Language = 'English'

OR Language = 'Spanish');

-- 2. Find the total number of Netflix Originals in each language, but only show those languages that have more than 5 titles.

SELECT

language, COUNT(\*) AS Total\_Titles

FROM

netflix\_originals

GROUP BY language

HAVING COUNT(\*) > 5;

-- 3. Get the top 3 longest-running movies in Hindi language sorted by IMDb score in descending order.

SELECT

\*

FROM

netflix\_originals

WHERE

language = 'Hindi'

ORDER BY Runtime DESC , IMDBScore DESC

LIMIT 3;

-- 4. Retrieve all titles that contain the word "House" in their name and have an IMDb score greater than 6.

SELECT

\*

FROM

netflix\_originals

WHERE

Title LIKE '%House%' AND IMDBScore > 6;

-- 5. Find all Netflix Originals released between the years 2018 and 2020 that are in either English, Spanish, or Hindi.

SELECT

\*

FROM

netflix\_originals

WHERE

Premiere\_Date BETWEEN '2018-01-01' AND '2020-12-31'

AND (Language = 'English'

OR Language = 'Spanish'

OR Language = 'Hindi');

-- ---------------------------------------------OR--------------------------------

SELECT

\*

FROM

Netflix\_Originals

WHERE

YEAR(Premiere\_Date) BETWEEN 2018 AND 2020

AND Language IN ('English' , 'Spanish', 'Hindi');

-- 6. Find all movies that either have a runtime less than 60 minutes or an IMDb score less than 5, sorted by Premiere Date.

SELECT

\*

FROM

netflix\_originals

WHERE

Runtime < 60 OR IMDBScore < 5

ORDER BY Premiere\_Date ASC;

-- 7. Get the average IMDb score for each genre where the genre has at least 10 movies.

SELECT

ROUND(AVG(IMDBScore), 2) AS AverageIMDBScore,

GenreID,

COUNT(\*) AS GenreCountForMovies

FROM

netflix\_originals

GROUP BY GenreID

HAVING COUNT(\*) >= 10;

-- 8. Retrieve the top 5 most common runtimes for Netflix Originals.

SELECT

Runtime, COUNT(\*) AS Frequency

FROM

netflix\_originals

GROUP BY runtime

ORDER BY Frequency DESC

LIMIT 5;

-- 9. List all Netflix Originals that were released in 2020, grouped by language, and show the total count of titles for each language.

SELECT

Language, COUNT(\*) AS TitleCount\_2020

FROM

netflix\_originals

WHERE

YEAR(Premiere\_Date) = '2020'

GROUP BY language;

-- 10. Create a new table that enforces a constraint on the IMDb score to be between 0 and 10 and the runtime to be greater than 30 minutes.

CREATE TABLE task10 (

Title VARCHAR(255),

GenreID VARCHAR(100),

Runtime INT CHECK (Runtime > 30),

IMDBScore FLOAT CHECK (IMDBScore BETWEEN 0 AND 10),

Language VARCHAR(100),

Premiere\_Date DATE

);