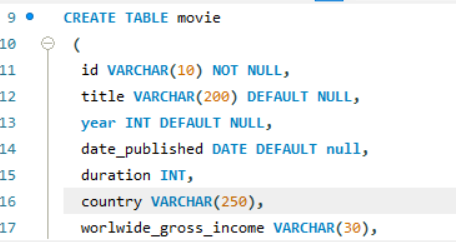
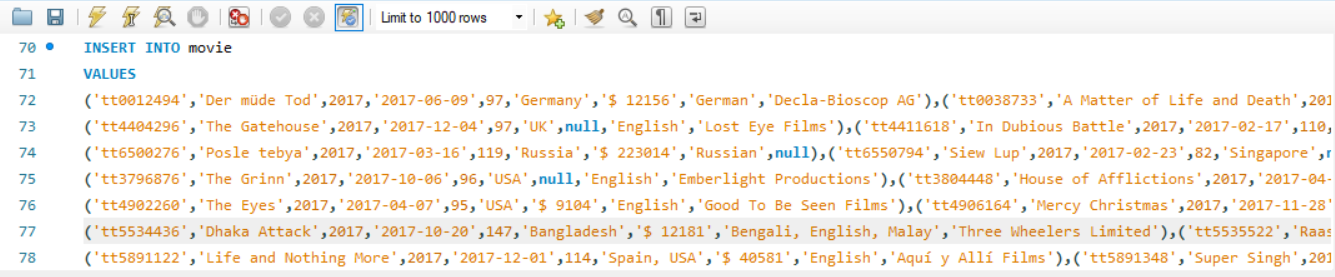
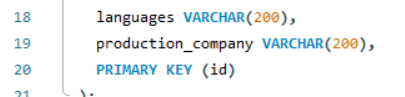
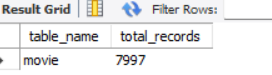
**SQL REINFORCEMENT PROJECT**

**i) Count the total number of records in each table of the database:**

****

**  
**

OUTPUT:















**ii) Identify which columns in the movie table contain null values:**

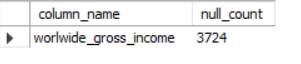
****















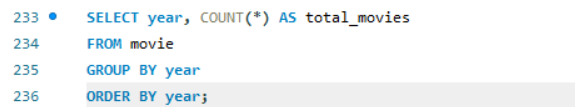
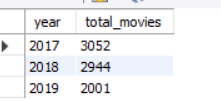




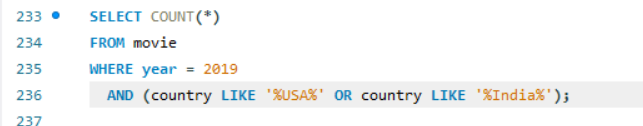


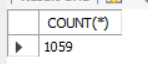


**iii) Determine the total number of movies released each year, and analyze how the trend changes month-wise**

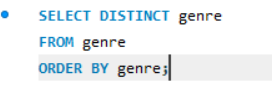
** **

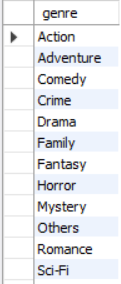
**iv) How many movies were produced in either the USA or India in the year 2019?**

****

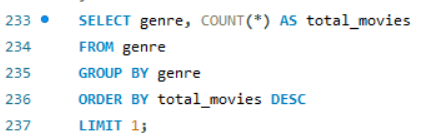
****

**v) List the unique genres in the dataset, and count how many movies belong exclusively to one genre.**

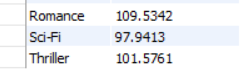
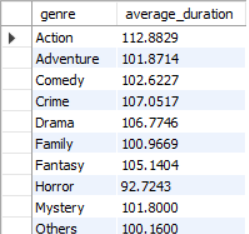
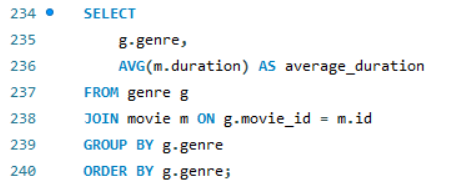
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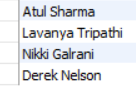
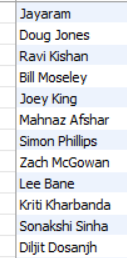
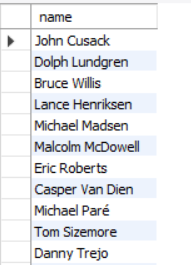
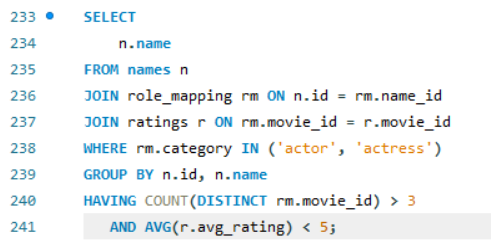
**vi) Which genre has the highest total number of movies produced?**

****

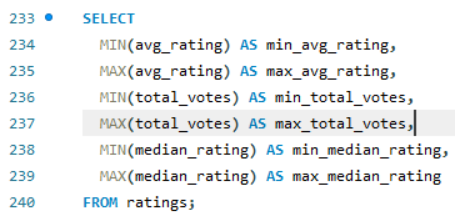
**vii) Calculate the average movie duration for each genre**

****

**viii) Identify actors or actresses who have appeared in more than three movies with an average rating below 5.**

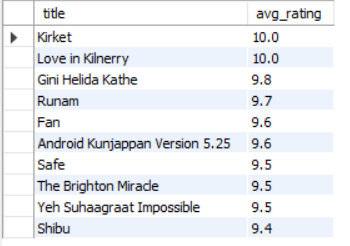
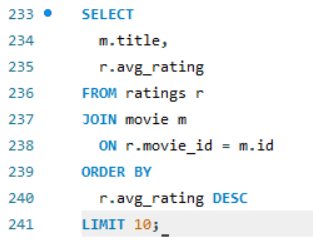
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**ix)Find the minimum and maximum values for each column in the ratings table, excluding the movie\_id column.**

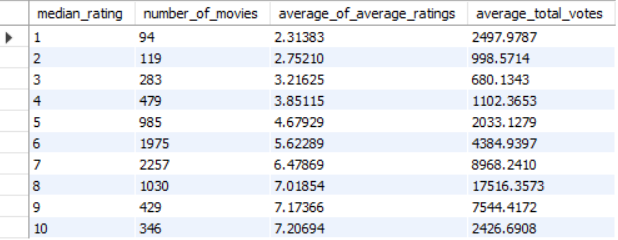
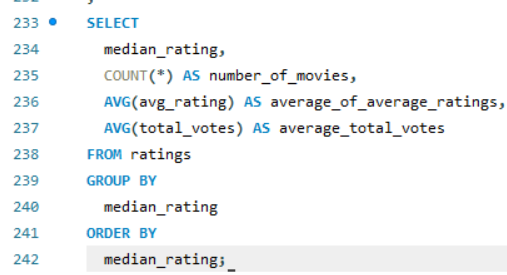
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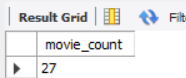
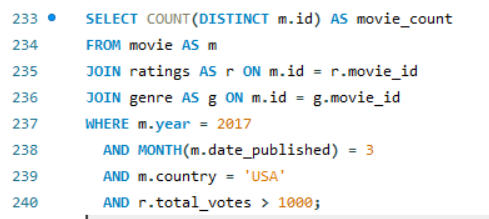
**x) Which are the top 10 movies based on their average rating?**

****

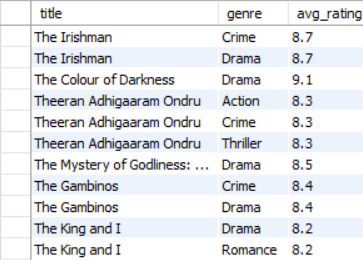
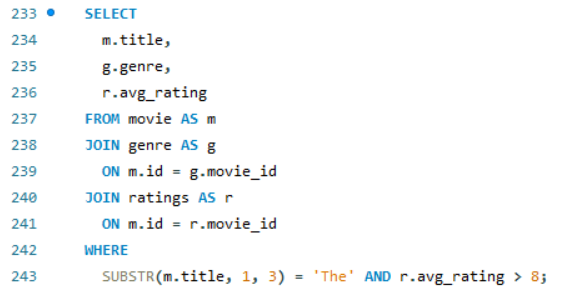
**xi) Summarize the ratings table by grouping movies based on their median ratings.**

****

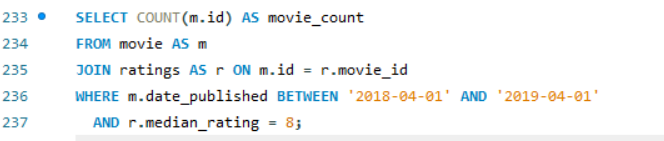
**xii) How many movies, released in March 2017 in the USA within a specific genre, had more than 1,000 votes?**

****

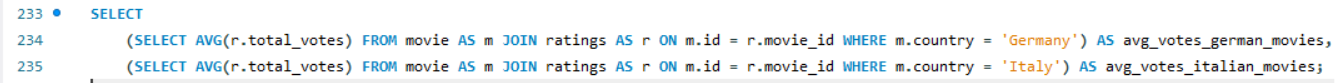
**xiii) Find movies from each genre that begin with the word “The” and have an average rating greater than 8.**

****

**xiv) Of the movies released between April 1, 2018, and April 1, 2019, how many received a median rating of 8?**

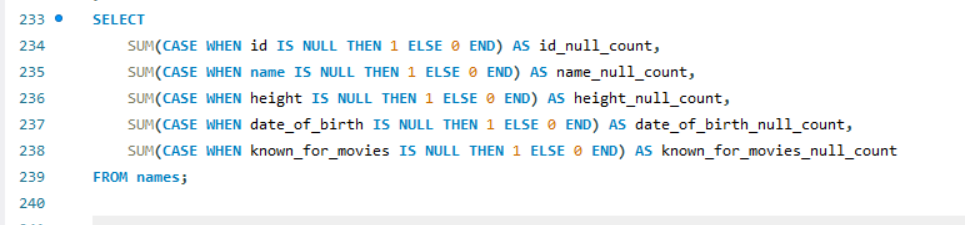
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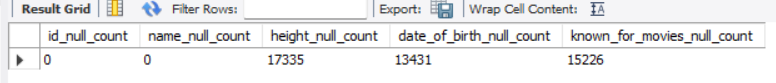
**xv)Do German movies receive more votes on average than Italian movies?**

****

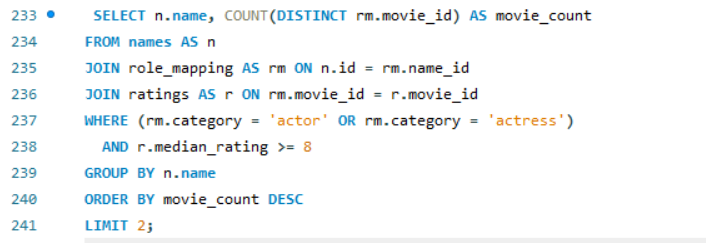
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**xvi)** **Identify the columns in the names table that contain null values.**

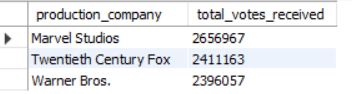
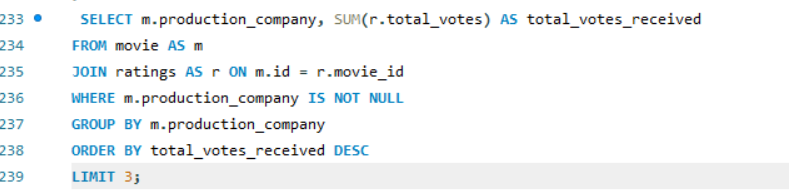
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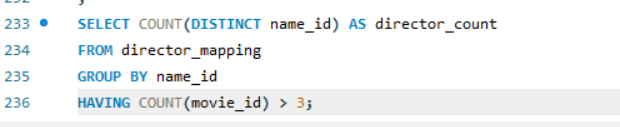
**xvii) Who are the top two actors whose movies have a median rating of 8 or higher?**

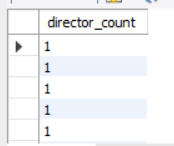
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**xviii) Which are the top three production companies based on the total number of votes their movies received?**

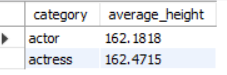
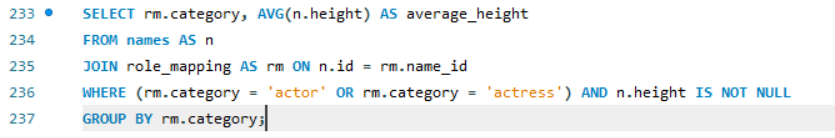
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**xix) How many directors have worked on more than three movies?**

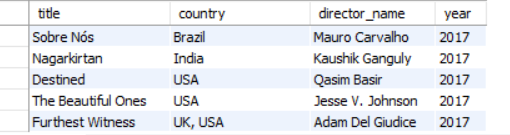
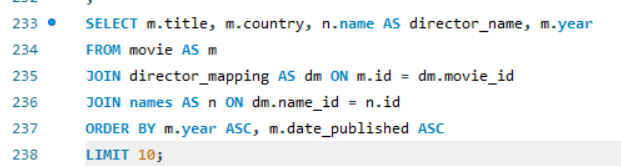
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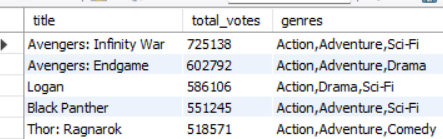
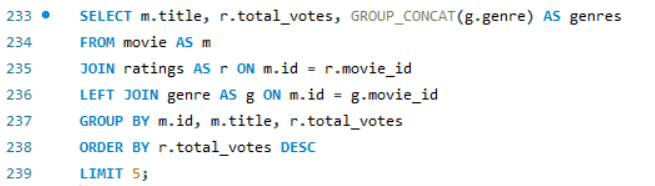
**xx) Calculate the average height of actors and actresses separately.**

****

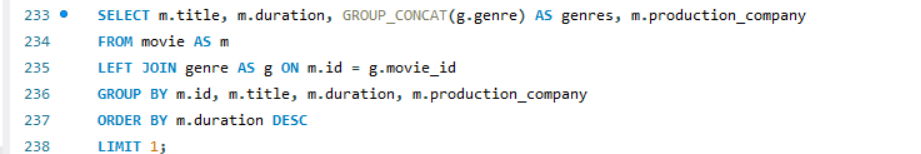
**xxi) List the 10 oldest movies in the dataset along with their title, country, and director.**

****

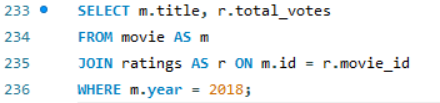
**xxii) List the top 5 movies with the highest total votes, along with their genres.**

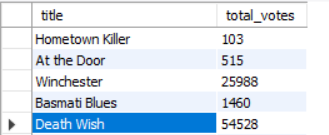
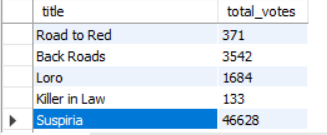
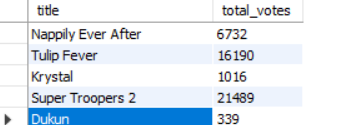
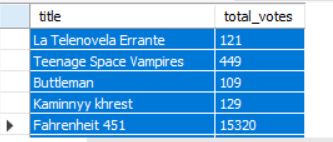
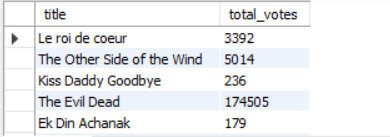
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**xxiii) Identify the movie with the longest duration, along with its genre and production company.**

****

**xxiv) Determine the total number of votes for each movie released in 2018.**

****

****

xxv) What is the most common language in which movies were produced?

