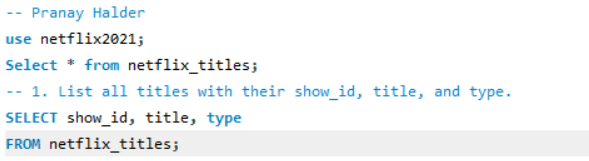
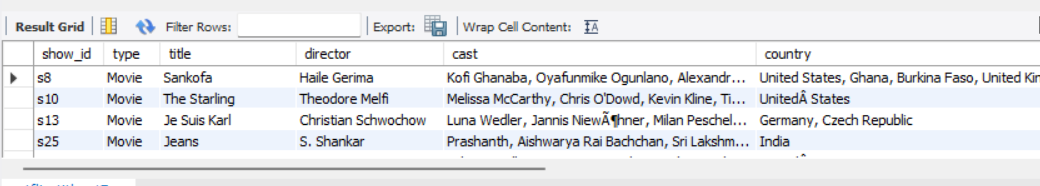
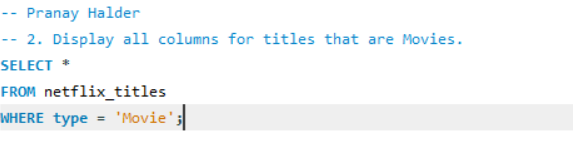
***MCT-Netflix Movies Data Analysis in SQL***

NAME- PRANAY HALDER

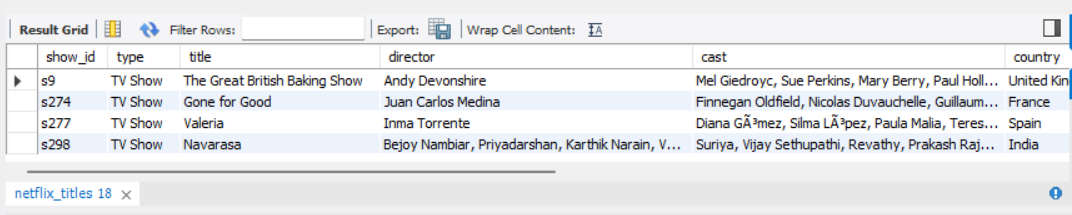
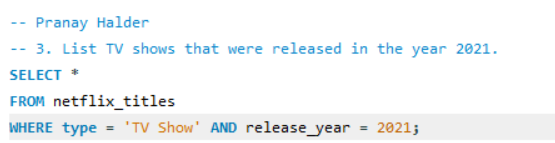
1.Write a query to list all titles with their show\_id, title, and type.



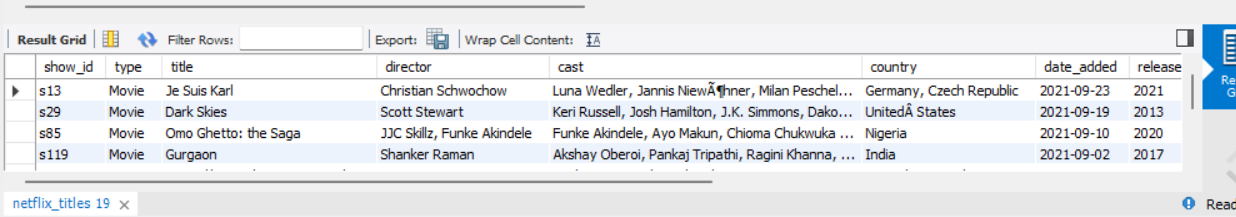
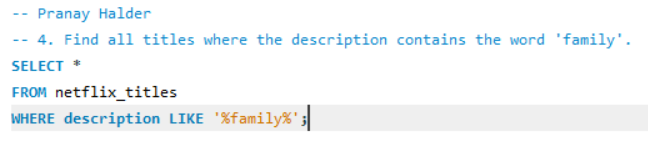
2. Write a query to display all columns for titles that are Movies.



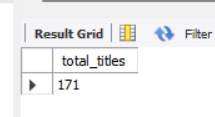
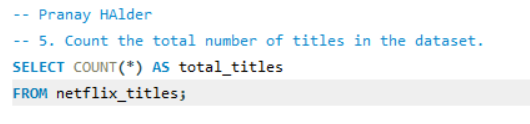
3. Write a query to list TV shows that were released in the year 2021.



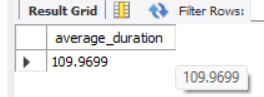
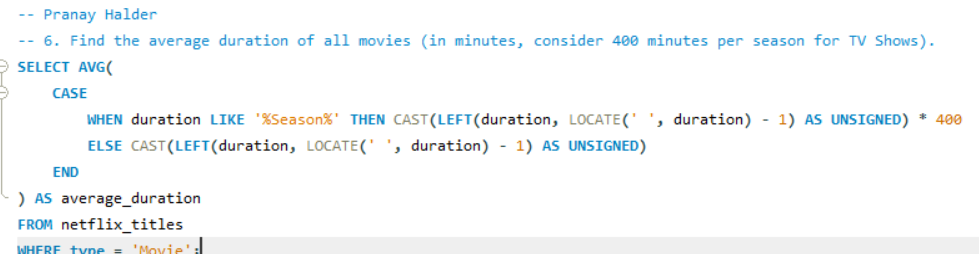
4. Write a query to find all titles where the description contains the word family.

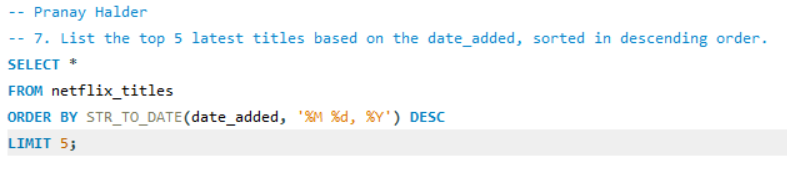


5. Write a query to count the total number of titles in the dataset.

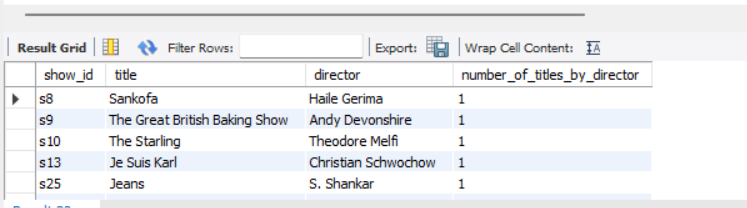
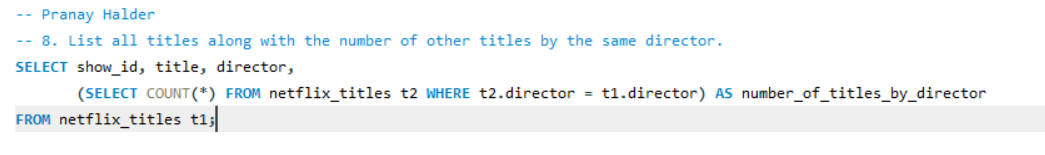


6. Write a query to find the average duration of all movies (in minutes, wherever the season is mentioned, consider 400 minutes per season).

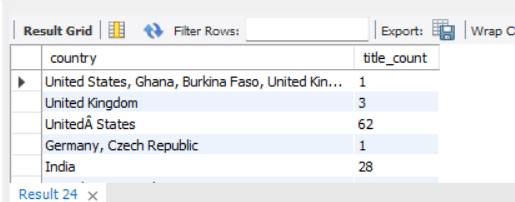
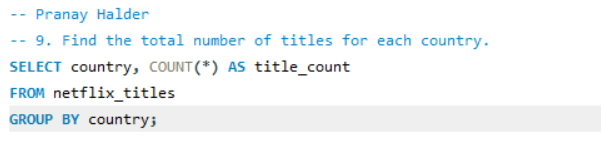
  
7. Write a query to list the top 5 latest titles based on the date\_added, sorted in descending order.



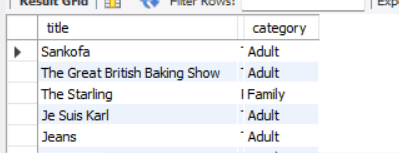
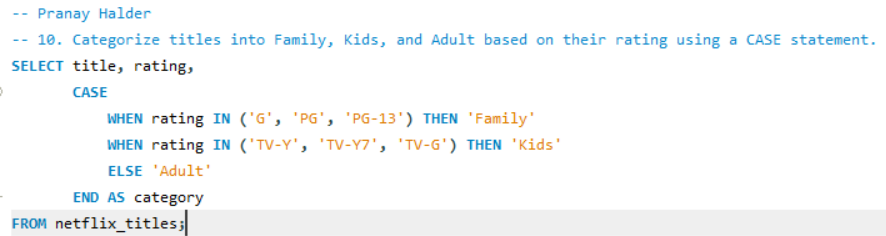
8. Write a query to list all titles along with the number of other titles by the same director. Include columns for show\_id, title, director, and number\_of\_titles\_by\_director.



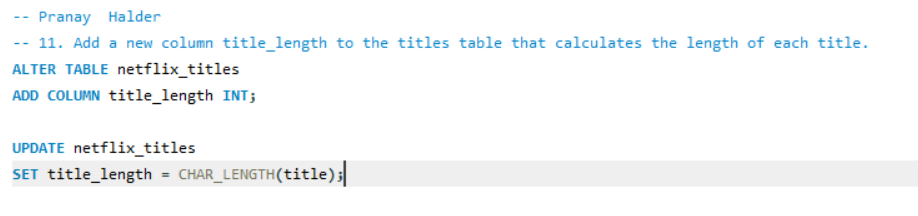
9. Write a query to find the total number of titles for each country. Display country and the count of titles.



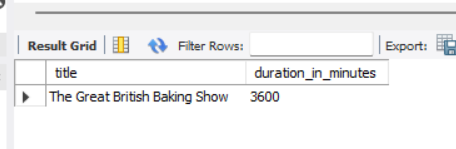
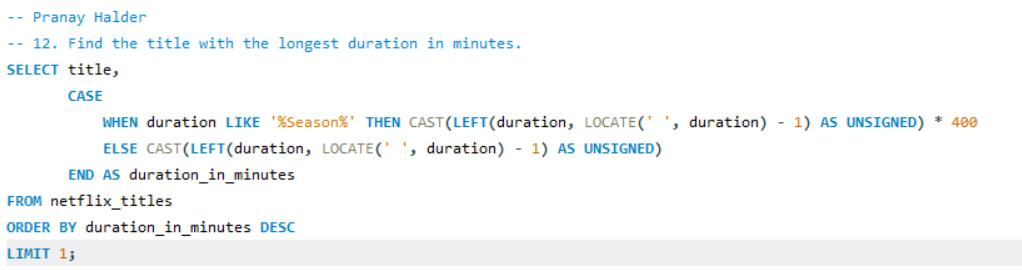
10. Write a query using a CASE statement to categorize titles into three categories based on their rating: Family for ratings G, PG, PG-13, Kids for TV-Y, TV-Y7, TV-G, and Adult for all other ratings.



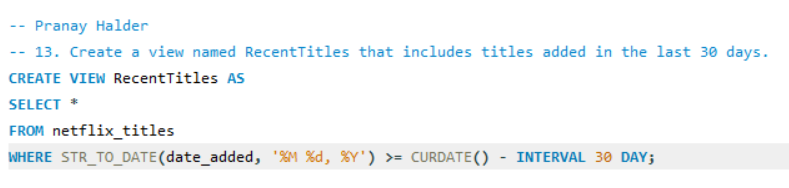
11. Write a query to add a new column title\_length to the titles table that calculates the length of each title.



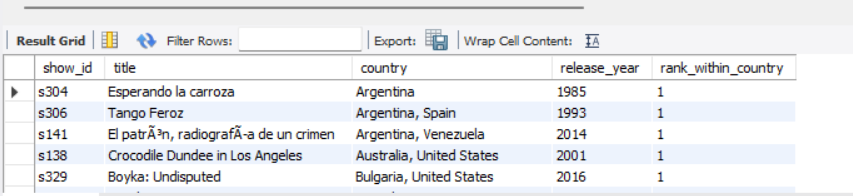
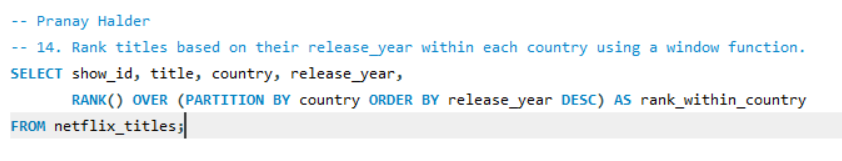
12. Write a query using an advanced function to find the title with the longest duration in minutes.

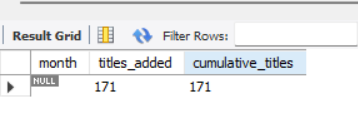
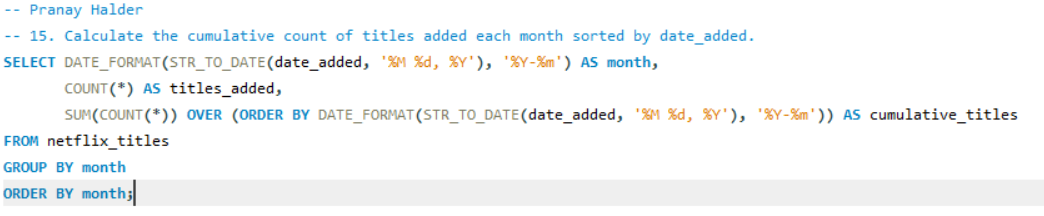


13. Create a view named RecentTitles that includes titles added in the last 30 days.

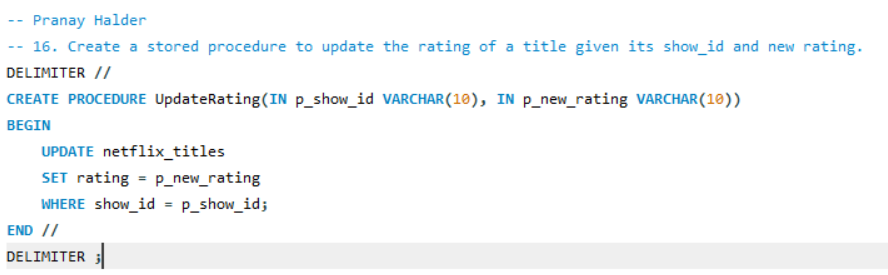


14. Write a query using a window function to rank titles based on their release\_year within each country.

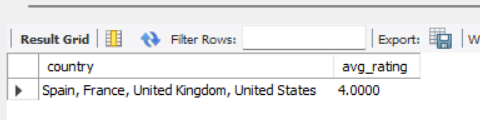
  
15. Write a query to calculate the cumulative count of titles added each month sorted by date\_added.



16. Write a stored procedure to update the rating of a title given its show\_id and new rating.



17. Write a query to find the country with the highest average rating for titles. Use subqueries and aggregate functions to achieve this.



18. Write a query to find pairs of titles from the same country where one title has a higher rating than the other. Display columns for show\_id\_1, title\_1, rating\_1, show\_id\_2, title\_2, and rating\_2.

