**Summary for Task 4 – SQL Querying**

I connected to the Sakila sample database using MySQL Workbench and ran a series of SQL queries to analyse rental and film data. I explored the structure of the database using SHOW TABLES and DESCRIBE commands, then executed five custom queries. These included: analysing the number of movies by rating, identifying the top 5 longest films, retrieving the most active customers by rental volume, finding the most rented films overall, and displaying a list of films available at Store 1. The queries involved aggregate functions, grouping, sorting, and multiple table joins. Screenshots were taken for each query and result to document the analysis.

**Reflections on SQL Results**

1 - Number of Movies by Rating: - Retrieves the total number of movies available for each film rating (e.g., PG-13, G, etc.)

2 - Top 5 Longest Films: - Displays the top 5 movies with the greatest duration from the film table.

3 - Top 5 Customers by Rentals: - Lists the top 5 customers who have made the most rentals, grouped by customer ID.

4 - Most Rented Films: - Shows the top 5 films that have been rented the most times by joining rental, inventory, and film tables.

5 - Films in Store 1: - Returns a list of distinct films that are available in store with store\_id = 1.