Assignment 5: DVDRental Queries

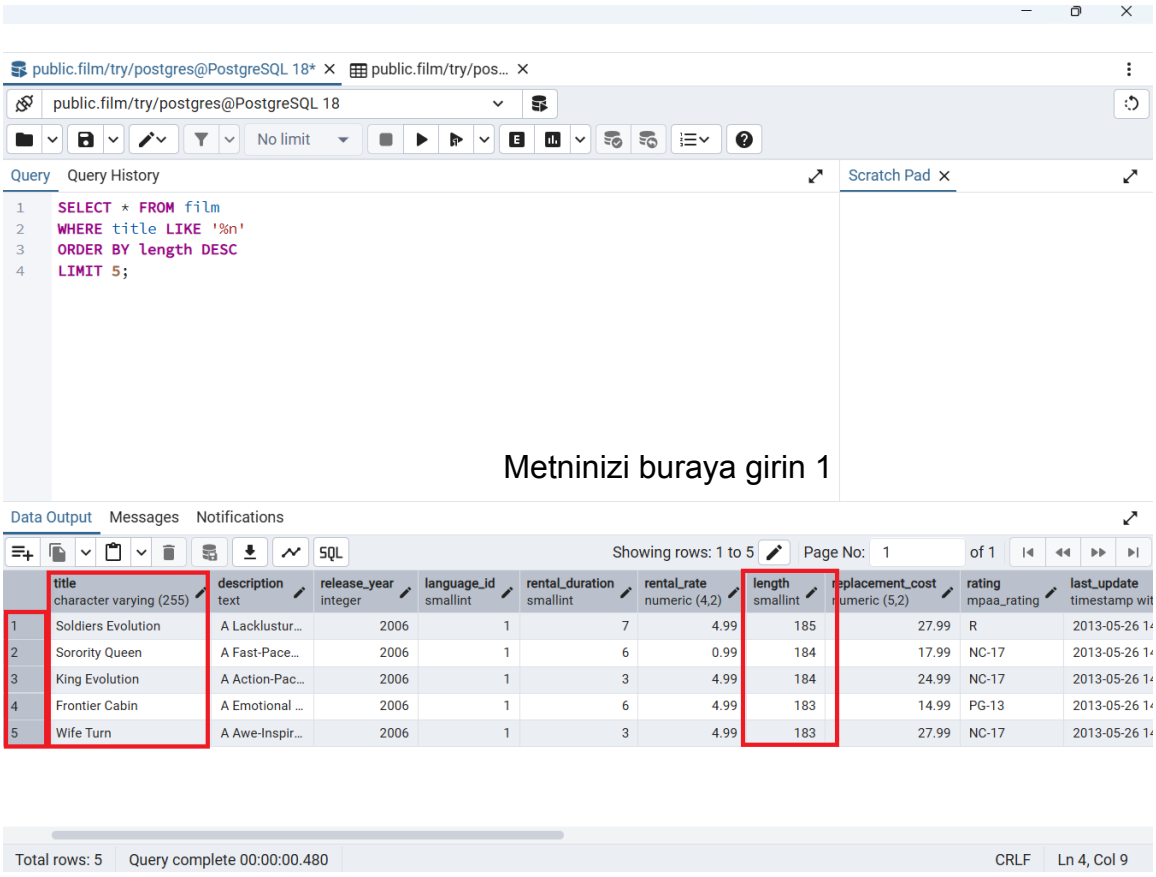
This assignment focuses on practicing SQL query operations using the **DVDRental sample database**.

The tasks involve filtering data with WHERE conditions, sorting results using ORDER BY, and limiting query outputs with LIMIT and OFFSET. Additionally, pattern matching with the LIKE operator and conditional filtering based on specific column values are applied.

These queries help strengthen understanding of data filtering, sorting logic, and result set control in SQL, which are essential skills for working with relational databases.

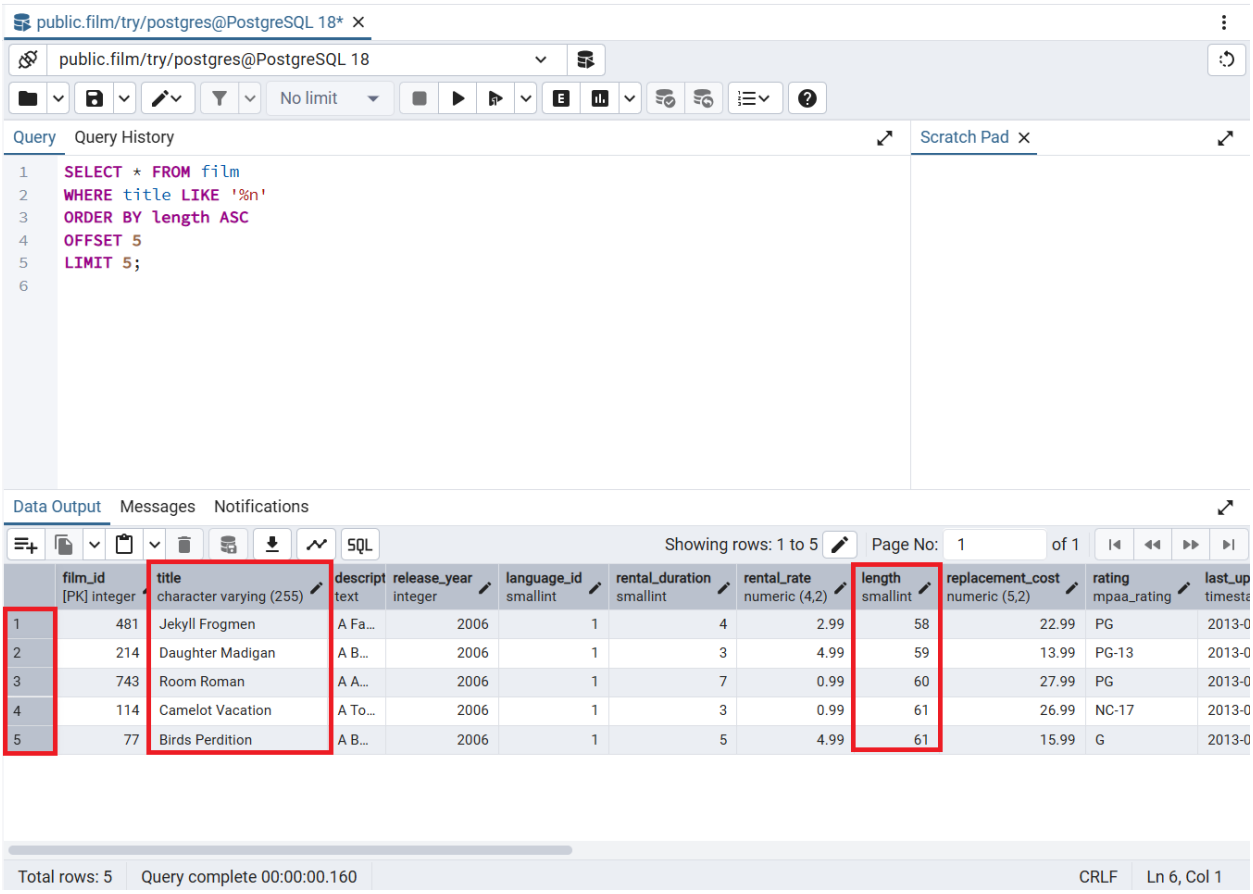
Query 1:

Description: Lists the top 5 longest films from the film table where the title ends with the letter **'n'**. This query demonstrates filtering with pattern matching and ordering results by film length in descending order.



Query 2:

Description: This query shows films from the film table whose titles end with the letter **'n'**, selecting the second group of 5 shortest films. The query uses pattern matching, sorts films by length in ascending order, and skips the first 5 results.



Query 3:

Description: Query 3 shows the first 4 customers from store_id = 1, ordered by their last names in descending order. This query demonstrates filtering by a specific column and sorting results alphabetically in reverse order.