Lab 1

1. Select the title, description, and length of all films that are longer than 120 minutes. Sort them from the longest to the shortest

2. Find all films that have a rental_rate of 0.99 or 2.99, but their replacement_cost is greater than 20.00

3. Count the total number of films available in each rating (G, PG, R, etc.)

4. List the customer_ids who have made more than 30 separate payments in the payment table.

5. Get all "Cities" in the database and the "Country" they belong to, but only for cities located in 'Egypt'

6. Display a list of all films and the names of the actors who starred in them. (show film id, title and actor name)

7. Find all customers who have rented a movie but haven't returned it yet. (show the customer name and the film title).

8. List the titles of all films whose length is greater than the average length of all films in the database.

9. Write a query to find the first_name, last_name, and email of customers who have **zero** rental records

10. Create a view named customer_spending_summary. This view should display each customer's name, their total number of rentals, and the total amount of money they have paid.

11. Use the previous view to find only customers who spent more than $100

Bonus:

1. We want to reward our most loyal actors. Find the names of the actors who have appeared in 'Action' films more than 10 times.

   - **Step 1:** Use a CTE to find all actors and their counts in the 'Action' category.
   - **Step 2:** Filter that CTE in your main SELECT.