Lab 3

User-defined functions:

1. Create a function that takes category name and returns the number of films in this category.
2. Create a function that takes customer_id and returns full name (first_name last_name)
3. Create a function that's takes actor_id and returns info about his films (film name, film description, release year).

Trigger

4. Create a trigger to prevent setting a negative value for rental_rate column in the film table.
5. Create a trigger to save a backup for newly inserted customers. (create customer_backup table first).
6. Create a trigger on payment table that copies deleted rows into a new table deleted_payments
7. Track when a film's title is updated, and log the old and new titles along with the time of the change in a new table (film_audit).