RESULTS FOR SQL SUBQUERIES LAB
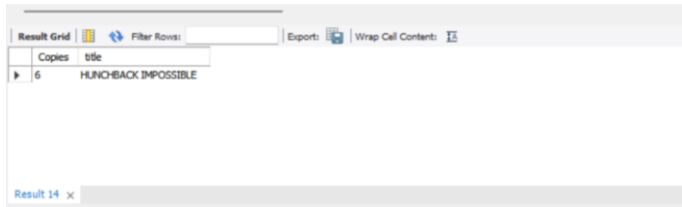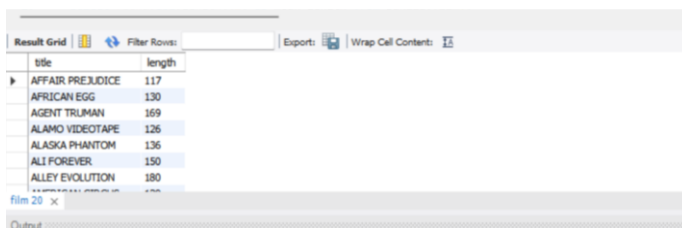
1. How many copies of the film *Hunchback Impossible* exist in the inventory system?

Copies	title
6	HUNCHBACK IMPOSSIBLE

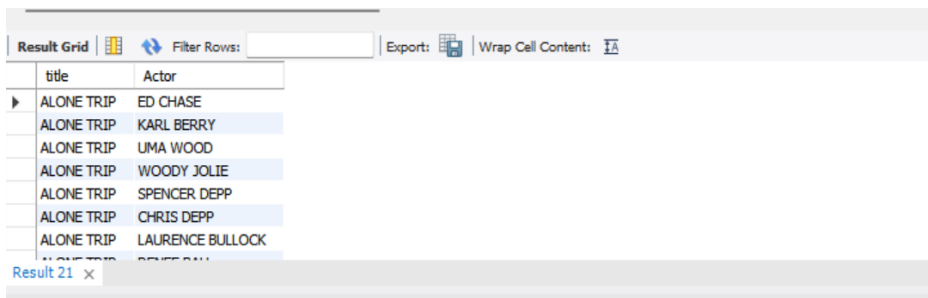2. List all films whose length is longer than the average of all the films.

title	length
AFFAIR PREJUDICE	117
AFRICAN EGG	130
AGENT TRUMAN	169
ALAMO VIDEOTAPE	126
ALASKA PHANTOM	136
ALI FOREVER	150
ALLEY EVOLUTION	180
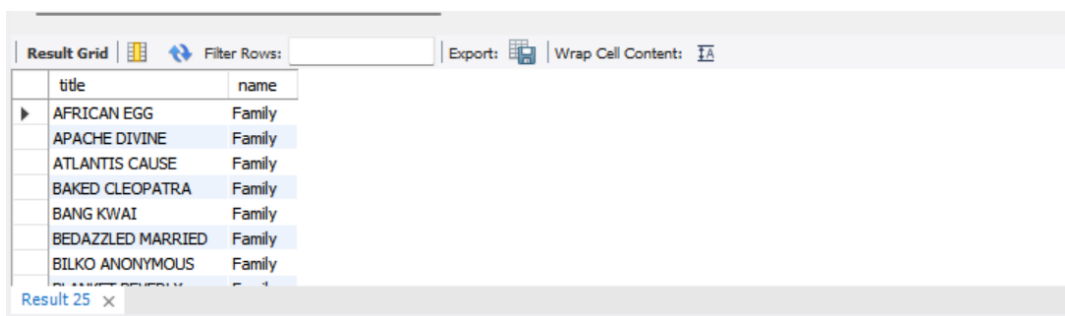
3. Use subqueries to display all actors who appear in the film *Alone Trip*.

title	Actor
ALONE TRIP	ED CHASE
ALONE TRIP	KARL BERRY
ALONE TRIP	UMA WOOD
ALONE TRIP	WOODY JOLIE
ALONE TRIP	SPENCER DEPP
ALONE TRIP	CHRIS DEPP
ALONE TRIP	LAURENCE BULLOCK

4. Sales have been lagging among young families, and you wish to target all family movies for a promotion. Identify all movies categorized as family films.

title	name
AFRICAN EGG	Family
APACHE DIVINE	Family
ATLANTIS CAUSE	Family
BAKED CLEOPATRA	Family
BANG KWAI	Family
BEDAZZLED MARRIED	Family
BILKO ANONYMOUS	Family

5. Get name and email from customers from Canada using subqueries. Do the same with joins. Note that to create a join, you will have to identify the correct tables with their primary keys and foreign keys, that will help you get the relevant information.

first_name	last_name	email	country
DERRICK	BOURQUE	DERRICK.BOURQUE@sakilacustomer.org	Canada
DARRELL	POWER	DARRELL.POWER@sakilacustomer.org	Canada
LORETTA	CARPENTER	LORETTA.CARPENTER@sakilacustomer.org	Canada
CURTIS	IRBY	CURTIS.IRBY@sakilacustomer.org	Canada
TROY	QUIGLEY	TROY.QUIGLEY@sakilacustomer.org	Canada

Result 26 ✕

6. Which are films starred by the most prolific actor? Most prolific actor is defined as the actor that has acted in the most number of films. First you will have to find the most prolific actor and then use that actor_id to find the different films that he/she starred.

Actor	N_films
SUSAN DAVIS	54

Result 27 ✕

7. Films rented by most profitable customer. You can use the customer table and payment table to find the most profitable customer ie the customer that has made the largest sum of payments

title
PREJUDICE OLEANDER
GUN BONNIE
SNATCHERS MONTEZUMA
ENGLISH BULWORTH
FORWARD TEMPLE
EGYPT TENENBAUMS
MAJESTIC FLOATS

8. Get the `client_id` and the `total_amount_spent` of those clients who spent more than the average of the `total_amount` spent by each client.

customer_id	Total_spent
526	221.55
148	216.54
144	195.58
137	194.61
178	194.61
459	186.62
469	177.60

Result 31 ✕