SQL Queries:

Assignment-1:

1.select film.film\_id, title, rating

-> from film

-> join film\_category on film.film\_id=film\_category.film\_id

-> join category on film\_category.category\_id=category.category\_id

-> where rating = "PG-13"

-> and category.name="Comedy";



2.select film.title, count(film.title) ,category.name

-> from film

-> join inventory on film.film\_id=inventory.film\_id

-> join rental on inventory.inventory\_id=rental.inventory\_id

-> join film\_category on film.film\_id=film\_category.film\_id

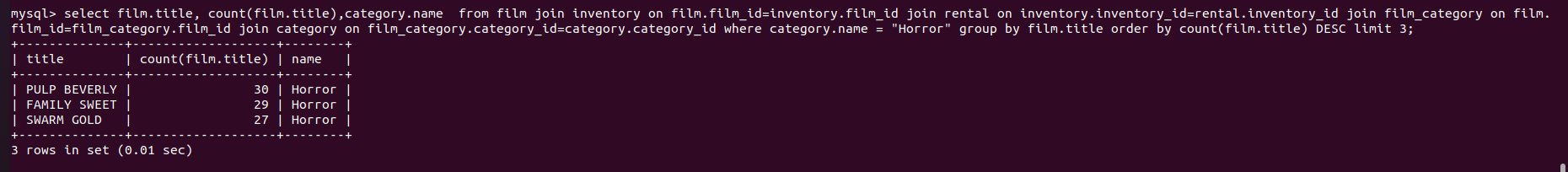
-> join category on film\_category.category\_id=category.category\_id

-> where category.name = "Horror"

-> group by film.title

-> order by count(film.title) DESC

-> limit 3;



3.select customer.customer\_id, customer.first\_name, customer.last\_name, count(customer.customer\_id) as Rent

-> from customer

-> join rental on customer.customer\_id = rental.customer\_id

-> join inventory on rental.inventory\_id = inventory.inventory\_id

-> join film\_category on inventory.film\_id = film\_category.film\_id

-> join category on film\_category.category\_id = category.category\_id

-> join address on customer.address\_id = address.address\_id

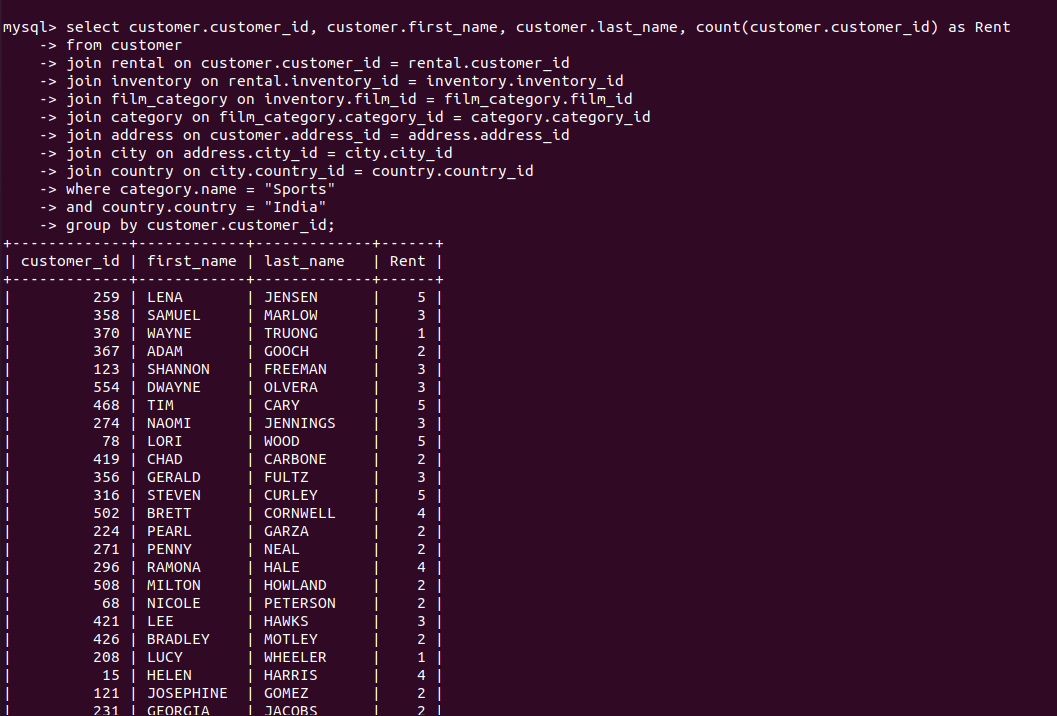
-> join city on address.city\_id = city.city\_id

-> join country on city.country\_id = country.country\_id

-> where category.name = "Sports"

-> and country.country = "India"

-> group by customer.customer\_id;



4.select customer.first\_name, customer.last\_name ,actor.first\_name,actor.lastname

-> from customer

-> join rental on customer.customer\_id = rental.customer\_id

-> join inventory on rental.inventory\_id = inventory.inventory\_id

-> join film\_actor on inventory.film\_id = film\_actor.film\_id

-> join actor on film\_actor.actor\_id = actor.actor\_id

-> join address on customer.address\_id = address.address\_id

-> join city on address.city\_id = city.city\_id

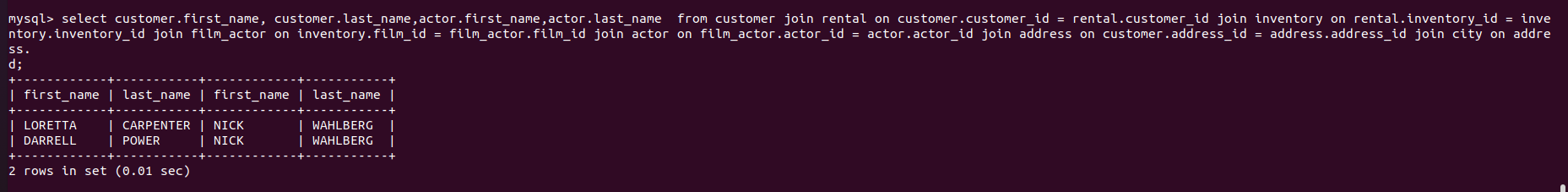
-> join country on city.country\_id = country.country\_id

-> where country.country = "Canada"

-> and actor.first\_name = "NICK"

-> and actor.last\_name = "WAHLBERG"

-> group by customer.customer\_id;



5.SELECT count(film\_id) as Total\_Films FROM film\_actor WHERE actor\_id IN (SELECT actor\_id FROM actor WHERE actor.first\_name = "SEAN" AND actor.last\_name= "WILLIAMS");

