# **SQL Query Assignment - 1**

1. Find out the PG-13 rated comedy movies. DO NOT use the film\_list table.

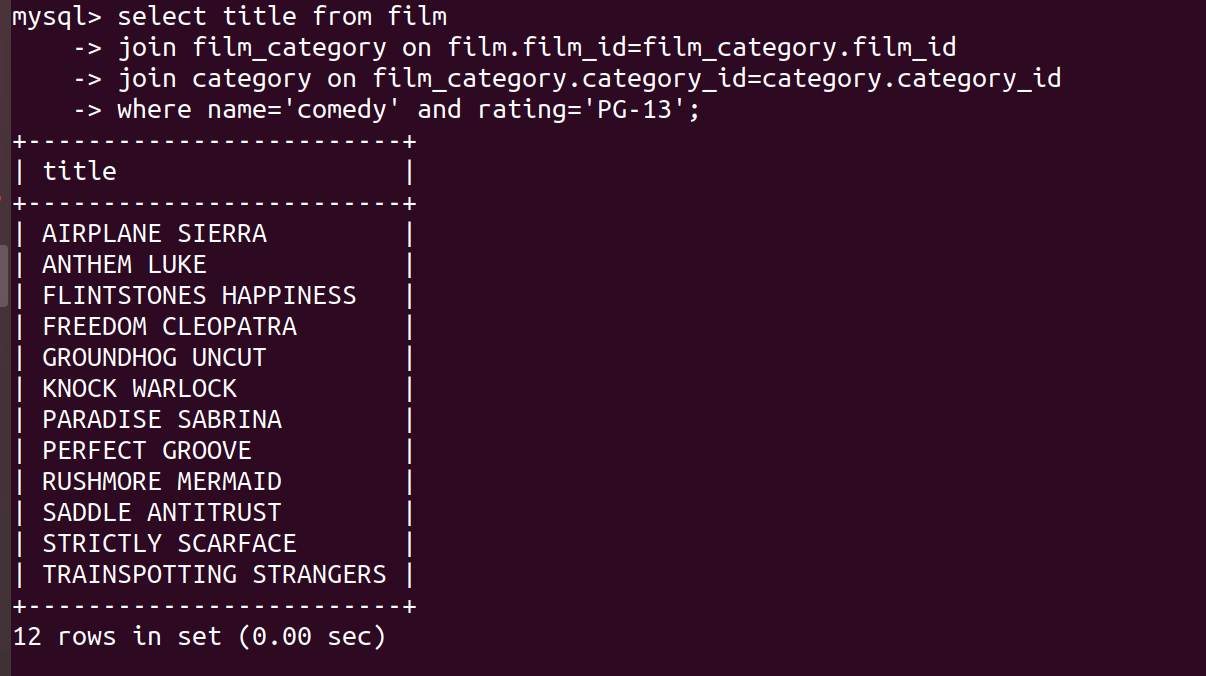
Query :

select title from film

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

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

where name='comedy' and rating='PG-13';



2. Find out the top 3 rented horror movies.

Query:

select title from film f

join inventory i on f.film\_id=i.film\_id

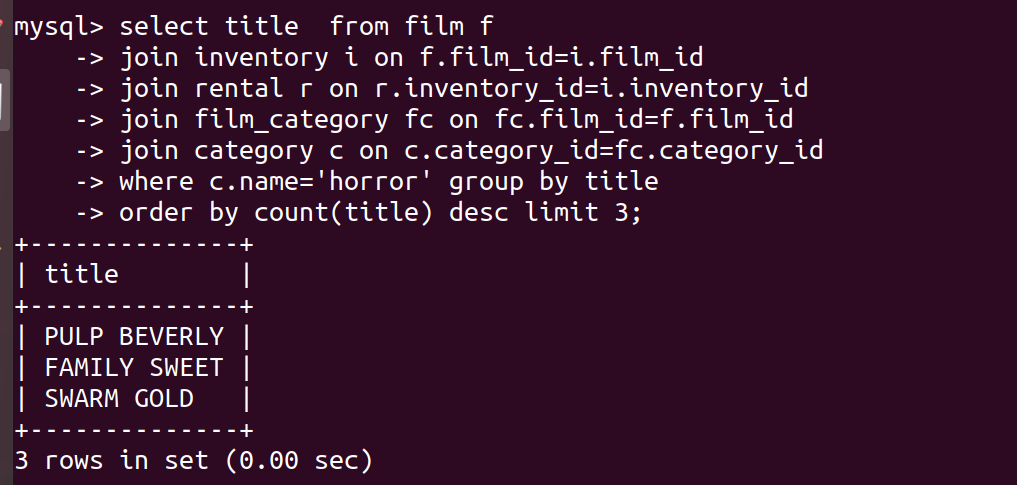
join rental r on r.inventory\_id=i.inventory\_id

join film\_category fc on fc.film\_id=f.film\_id

join category c on c.category\_id=fc.category\_id

where c.name='horror' group by title

order by count(title) desc limit 3;



3. Find out the list of customers from India who have rented sports movies.

Query:

select first\_name,last\_name,country,name from customer c

join rental r on c.customer\_id=r.customer\_id

join inventory i on i.inventory\_id=r.inventory\_id

join film\_category fc on fc.film\_id=i.film\_id

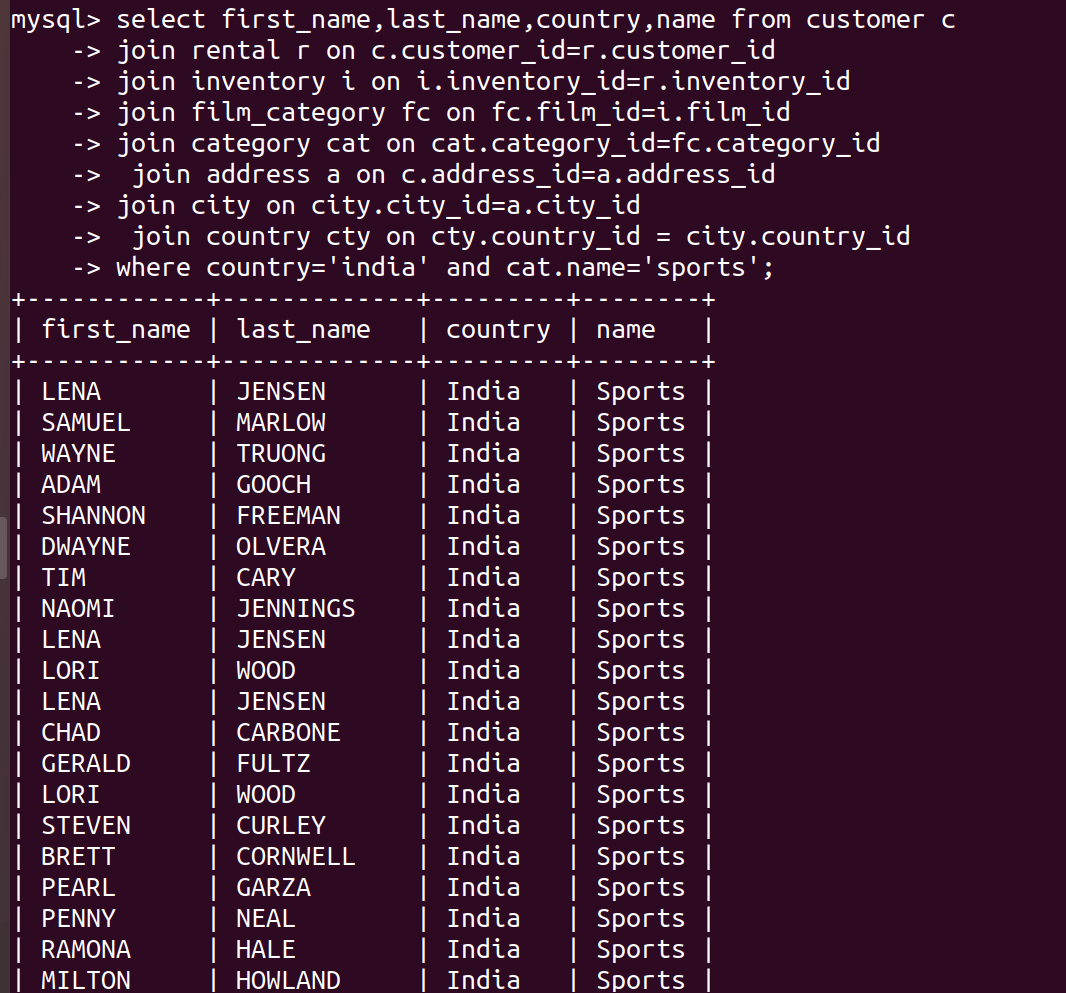
join category cat on cat.category\_id=fc.category\_id

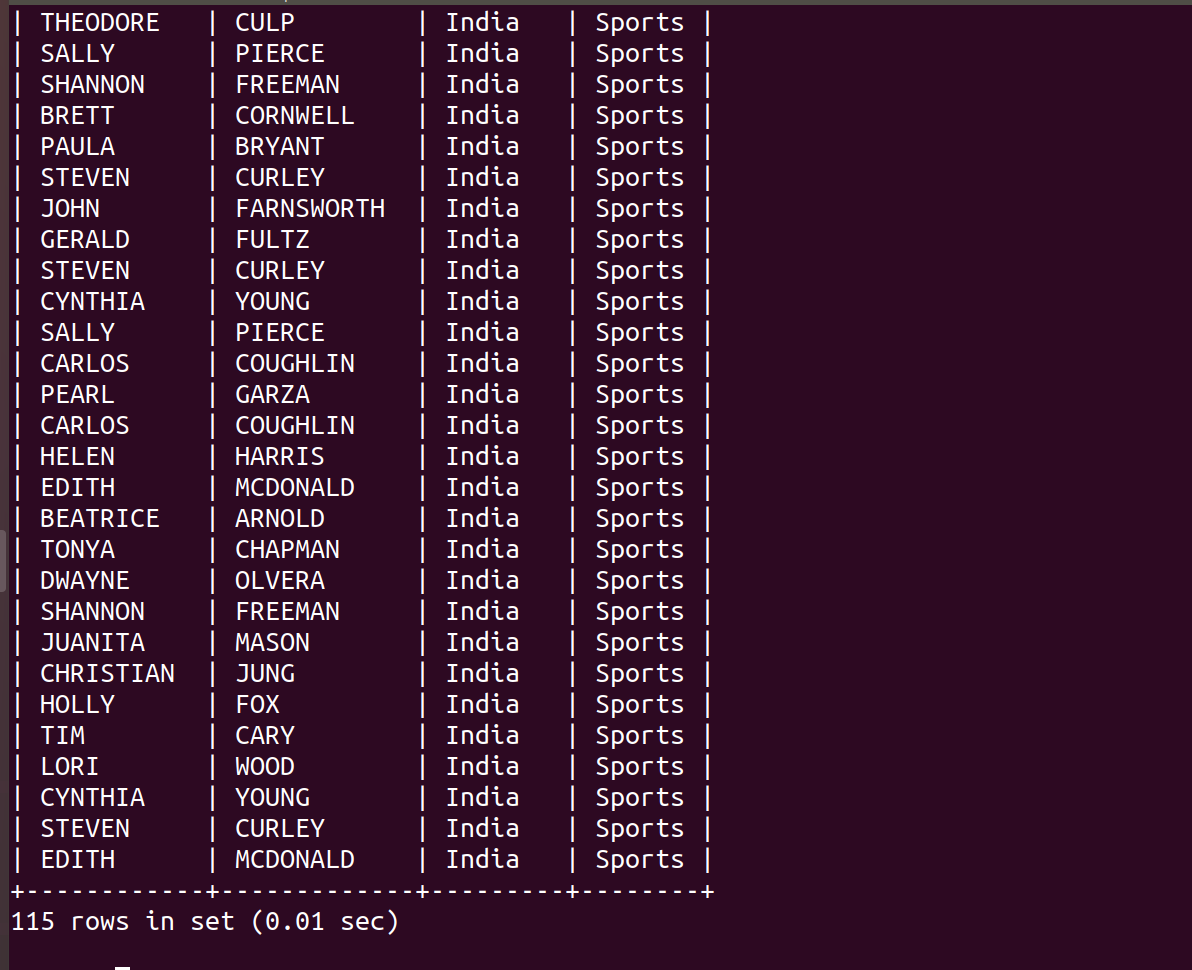
join address a on c.address\_id=a.address\_id

join city on city.city\_id=a.city\_id

join country cty on cty.country\_id = city.country\_id

where country='india' and cat.name='sports';





4. Find out the list of customers from Canada who have rented “NICK WAHLBERG” movies.

Query:

select distinct c.first\_name,c.last\_name,country from customer c

join rental r on c.customer\_id=r.customer\_id

join inventory i on i.inventory\_id=r.inventory\_id

join film\_actor fa on fa.film\_id=i.film\_id

join actor on actor.actor\_id=fa.actor\_id

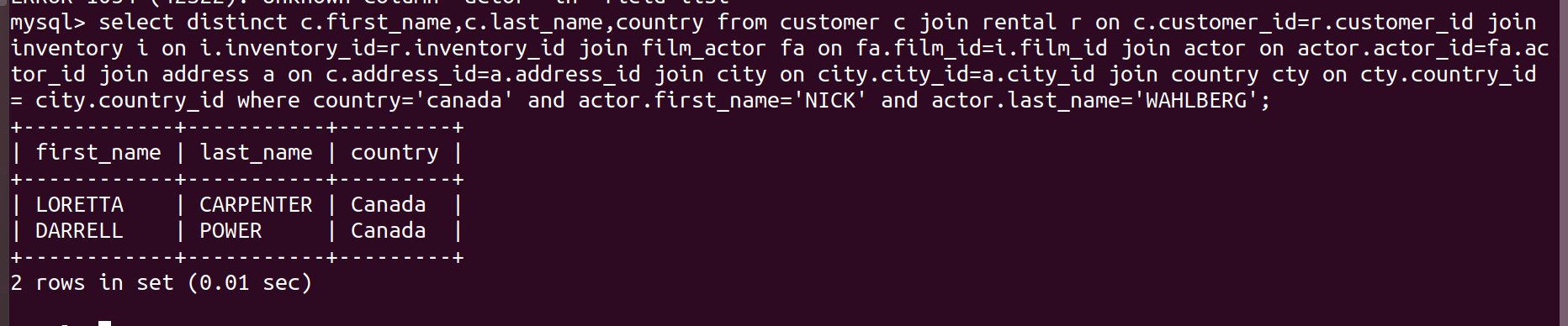
join address a on c.address\_id=a.address\_id

join city on city.city\_id=a.city\_id

join country cty on cty.country\_id = city.country\_id

where country='canada' and actor.first\_name='NICK'

and actor.last\_name='WAHLBERG';



5.Find out the number of movies in which “SEAN WILLIAMS” acted.

Query:

select count(title) as number\_of\_movies from film f

join film\_actor fa on f.film\_id=fa.film\_id

join actor on actor.actor\_id=fa.actor\_id

where actor.first\_name='SEAN' and actor.last\_name='WILLIAMS';

