SAKILA DATABASE SQL PROJECT

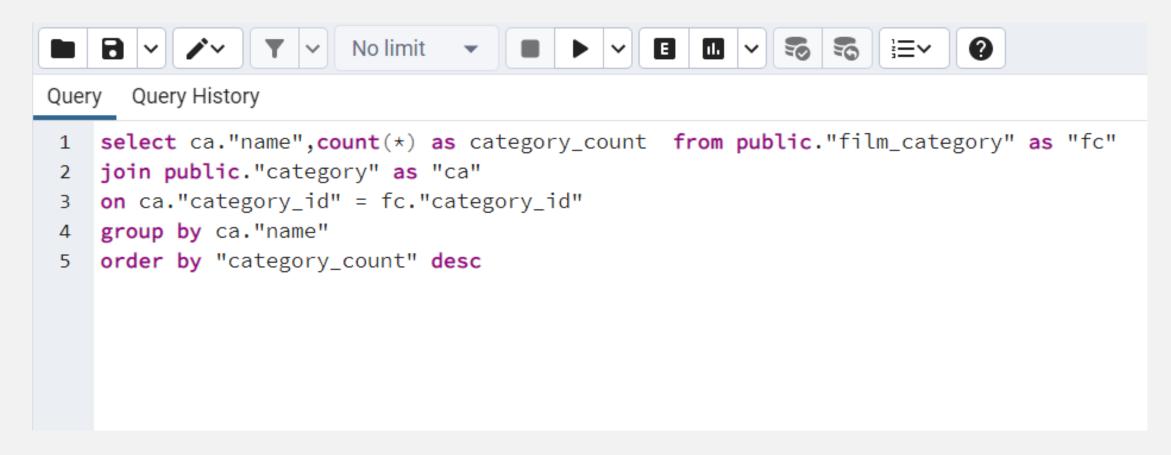
- Chiranjeev Mishra

Easy Questions:

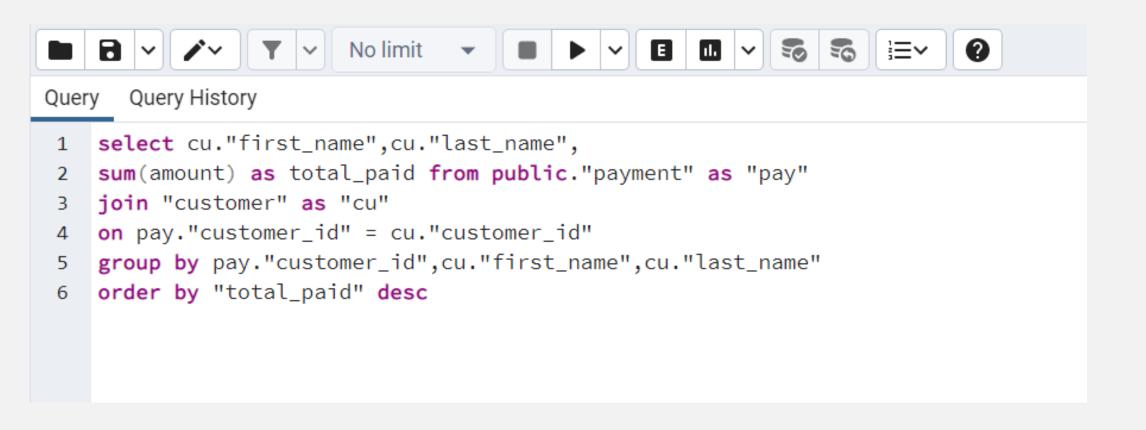
List films with their respective categories and order by Title:



Count the number of films in each category and order by filmcount in descending order:

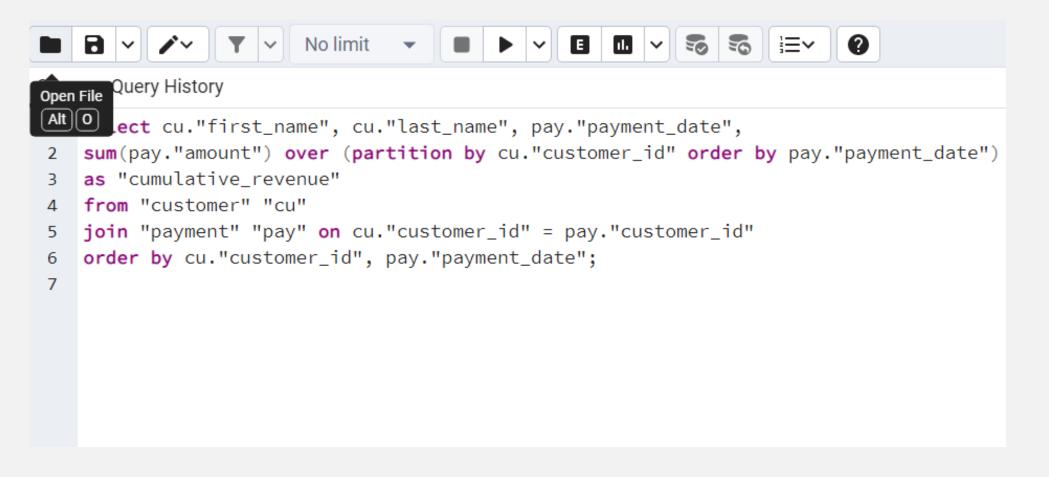


Find the total rental amount paid by each customer and order by total amount in descending order:

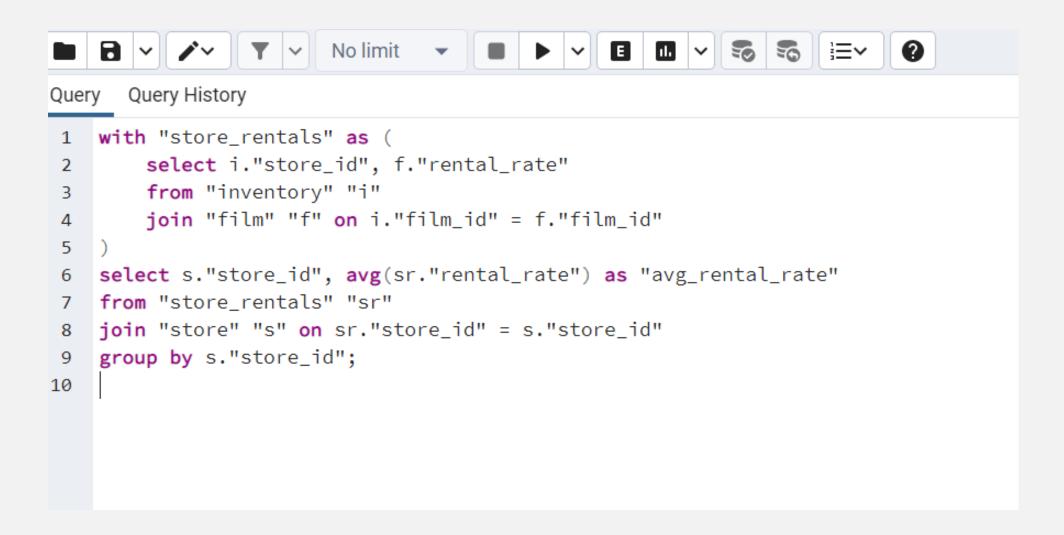


Moderate Questions:

Calculate the cumulative revenue generated by each customer and order by first customerId then paymentdate:



Find the average film rental rate for each store:



Difficult Questions:

Find the top 3 actors with the most appearances:

```
No limit
                                       Query History
Query
    with "film_counts" as (
    select ac."actor_id", ac."first_name",ac."last_name",count("film_id") as film_count
        from film_actor as "fa"
       join "actor" as "ac"
       on ac."actor_id" = fa."actor_id"
        group by ac."actor_id",ac."first_name",ac."last_name"
 6
7
8
    select "first_name","last_name" ,"film_count" from
10
        select "actor_id", "first_name", "last_name" , "film_count",
11
        rank()over(order by "film_count" desc) as "finalrank" from "film_counts"
12
13
    ) as rankings
14
    where "finalrank" <=3
```

Find the average rental duration per film category:

