Week 5 - Monday Questions

1. How many actors are there with the last name ‘Wahlberg’?

**select** first\_name, last\_name, actor\_id

**from** actor

**where** last\_name like 'W\_\_%rg';

2

Text

Description automatically generated

1. How many payments were made between $3.99 and $5.99?

**SELECT** amount, **COUNT**(amount), **sum**(amount)

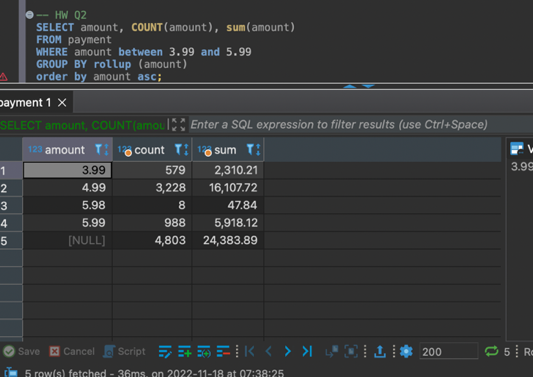
**FROM** payment

**WHERE** amount **between** 3.99 **and** 5.99

**GROUP** **BY** **rollup** (amount)

**order** **by** amount **asc**;

4803 \*When run in Nov 2022



4794 \* When run in January 2023

Text

Description automatically generated with low confidence

1. What film does the store have the most of? (search in inventory)

Many have 8. See results below.

Graphical user interface, text

Description automatically generated

1. How many customers have the last name ‘William’?

**select** first\_name, last\_name

**from** customer

**where** last\_name **like** 'W\_\_%ms';

0

Text

Description automatically generated

1. What store employee (get the id) sold the most rentals?

**select** payment.staff\_id, **count**(payment.rental\_id)

**from** payment

**join** staff **on** payment.staff\_id = staff.staff\_id

**group** **by** payment.staff\_id

**order** **by** **count**(payment.rental\_id) **desc**;

2—7304

Graphical user interface, text

Description automatically generated

1. How many different district names are there?

**select** **distinct**(district), **count**(district)

**from** address

**group** **by** (district)

378

Graphical user interface, text

Description automatically generated

1. What film has the most actors in it? (use film\_actor table and get film\_id)

**select** film\_actor.film\_id, **count**(actor\_id), film.title

**from** film\_actor

**join** film **on** film\_actor.film\_id = film.film\_id

**group** **by** film\_actor.film\_id, film.title

**order** **by** **count**(actor\_id) **desc**;

508—film id

Lambs Cincinatti—title

Graphical user interface, text, application

Description automatically generated

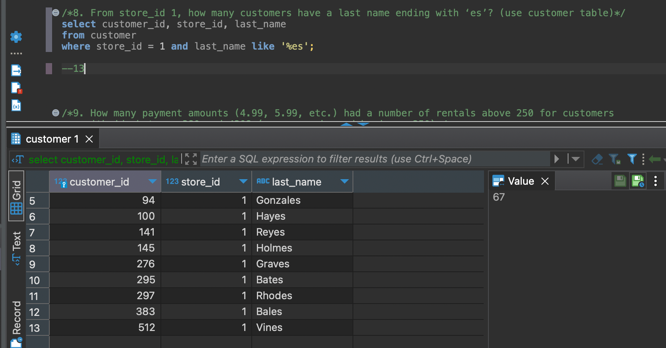
1. From store\_id 1, how many customers have a last name ending with ‘es’? (use customer table)

**select** customer\_id, store\_id, last\_name

**from** customer

**where** store\_id = 1 **and** last\_name **like** '%es';

13



1. How many payment amounts (4.99, 5.99, etc.) had a number of rentals above 250 for customers with ids between 380 and 430? (use group by and having > 250)

**select** payment.customer\_id, **count**(rental.inventory\_id)

**from** payment

**join** rental **on** payment.customer\_id = rental.customer\_id

**where** payment.customer\_id **between** 380 **and** 430

**group** **by** payment.customer\_id, rental.inventory\_id

**having** **count**(rental.inventory\_id) > 250

0

Graphical user interface, text

Description automatically generated with medium confidence

1. Within the film table, how many rating categories are there? And what rating has the most movies total?

**select** **distinct**(rating), **count**(rating)

**from** film

**group** **by** rating

**order** **by** **count**(rating) **desc**;

5

PG-13—223

Graphical user interface

Description automatically generated