Week 5 - Monday Questions

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

__2__

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

__0?__

__Code for reference:__

__SELECT AMOUNT__

__FROM PAYMENT__

__WHERE AMOUNT > 3.99 AND AMOUNT < 5.99__

__SELECT AMOUNT__

__FROM PAYMENT__

__WHERE AMOUNT BETWEEN 3.99 AND 5.99__

__SELECT AMOUNT__

__FROM PAYMENT__

__WHERE AMOUNT >= 4 AND AMOUNT < 6__

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

72 different films have 8 different copies

Code for reference:

SELECT FILM_ID, COUNT(*) AS FREQUENCY

FROM INVENTORY

GROUP BY FILM_ID

ORDER BY FREQUENCY DESC

4. How many customers have the last name 'William'?

No customers with last name 'William,' but there is a customer named 'William Satterfield'

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

Staff_id 1 sold more units than staff_id 2 (8040 vs 8010)

Code for Reference:

```
select staff_id, count(*) as rental_id
from rental
group by staff_id
order by rental_id
```

6. How many different district names are there?

7. What film has the most actors in it? (use film_actor table and get film_id)

Film_id = 508

8. From store_id 1, how many customers have a last name ending with 'es'? (use customer table)

21

9. 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)

1257

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

There are 5 different rating categories and PG-13 is the most used