Week 5 - Monday Questions

1. How many actors are there with the last name 'Wahlberg'?
- Answer: There are 2 actors with the last name 'Wahlberg'

2. How many payments were made between $3.99 and $5.99?
- Answer: data is showing 0 payments were made between $3.99 and $5.99.

3. What film does the store have the most of? (search in inventory)
- Answer: FILM ID: 193, 789, 730, 378, 595, 849, 231, 586, 69, 764, 745, 1, 767, 369, 738, 638, 31, 356, 199, 683, 127, 609, 403, 74, 266, 109, 434, 220, 239, 873, 893, 468, 525, 897, 697, 835, 773, 945, 444, 412, 880, 846, 331, 911, 621, 301, 1000, 361, 91, 200, 358, 973, 350, 559, 86, 489, 382, 702, 531, 856, 870, 295, 206, 73, 418, 460, 103, 341, 748, 500, 753, 572 all have a total of 8 copies in the store inventory.

4. How many customers have the last name 'William'?
- Answer: There are 0 customers with the last name 'William', but there is 1 customer with the last name 'Williams'.

5. What store employee (get the id) sold the most rentals?
- Answer: Staff ID #2

6. How many different district names are there?
- Answer: 378 district names.

7. What film has the most actors in it? (use film_actor table and get film_id)
- Answer: film_id has the most actors in it with a total of 15.

8. From store_id 1, how many customers have a last name ending with 'es'? (use customer table)
- Answer: 21 customers end with 'es.

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)

-***Answer: Attempted, but couldn't pull up only the data.***

```
SELECT customer_id, COUNT(amount)
FROM payment
GROUP BY customer_id BETWEEN 380 AND 430
ORDER BY COUNT(amount) > 250;
```

10. Within the film table, how many rating categories are there? And what rating has the most movies total?
- Answer: There are 5 rating categories and PG-13 has a total of 224 movies total.