

Week 5 - Monday Questions

1. How many actors are there with the last name 'Wahlberg'? 2

```
select first_name, last_name  
from actor  
where last_name like 'Wahlberg'
```

2. How many payments were made between \$3.99 and \$5.99? 5563

```
select count(amount)  
from payment  
where amount between 3.99 and 5.99
```

3. What film does the store have the most of? (search in inventory) film_id 200, 9

```
select film_id, count(film_id)  
from inventory  
group by film_id  
order by count(film_id) desc;
```

4. How many customers have the last name 'William'? None

```
select first_name, last_name  
from customer  
where last_name = 'William'
```

5. What store employee (get the id) sold the most rentals? Staff_id 2, 7304

```
select staff_id, count(staff_id)  
from payment  
group by staff_id  
order by count(staff_id) desc;
```

6. How many different district names are there? 378

```
select district, count(district)  
from address  
group by district;
```

7. What film has the most actors in it? Film_id 508; 16

```
select film_id, count(film_id)
from film_actor
group by film_id
order by count(film_id) desc;
```

8. How many customers have a last name ending with 'es'? (use customer table) 13

```
select count(customer_id)
from customer
where store_id = 1 and last_name like '%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)

```
select amount, count(rental_id)
from payment
where customer_id between 380 and 430
group by amount
having count(rental_id) > 250;
```

10. Within the film table, how many rating categories are there? And what rating has the most movies total? Pg-13; 23

```
.select rating, count(*)
from film
group by rating
order by count(*) desc;
```