-- 1. Which actors have the first name 'scarlett.'

select \*

from actor

where first\_name = "Scarlett";

-- 2. Which actors have the last name 'Johansson'?

select \*

from actor

where last\_name = "Johansson";

-- 3.How many distinct actors' last names are there?

select count(distinct last\_name)

from actor;

-- 4.Which last names are not repeated?

select last\_name

from actor

group by last\_name

having count(\*) = 1;

-- 5.Which last names appear more than once?

select last\_name

from actor

group by last\_name

having count(\*) > 1;

-- 6.Which actor has appeared in the most films?

SELECT count(film\_actor.actor\_id), actor.first\_name, actor.last\_name

FROM actor INNER JOIN film\_actor ON actor.actor\_id = film\_actor.actor\_id

GROUP BY film\_actor.actor\_id ;

-- 7.What is the average length of all the films in the sakila DB?

select avg(length)

from film;

-- 8.What is the average length of films by category?

select category.name, avg(length)

from film join film\_category using (film\_id) join category using (category\_id)

group by category.name

order by avg(length) desc;

-- 9.Which film categories are long?

select category.name, avg(length)

from film join film\_category using (film\_id) join category using (category\_id)

group by category.name

having avg(length) > (select avg(length) from film)

order by avg(length) desc;