Ejercicios SQL

Sergi Joan Sastre Antequera

1. Nombre Actor, Apellido Actor

```
select first_name, last_name from actor
```

	first_name character varying (45) 🔒	last_name character varying (45) 🔒
1	Penelope	Guiness
2	Nick	Wahlberg
3	Ed	Chase
4	Jennifer	Davis
5	Johnny	Lollobrigida
196	Bela	Walken
197	Reese	West
198	Mary	Keitel
199	Julia	Fawcett
200	Thora	Temple

2. Nombre Actor, Titulo de la Película

```
select actor.first_name, film.title
from actor
inner join film_actor
on actor.actor_id = film_actor.actor_id
inner join film
on film_actor.film_id = film.film_id
```

	first_name character varying (45) 🔒	title character varying (255) 🔒
1	Penelope	Academy Dinosaur
2	Penelope	Anaconda Confessions
3	Penelope	Angels Life
4	Penelope	Bulworth Commandments
5	Penelope	Cheaper Clyde
5458	Thora	Telegraph Voyage
5459	Thora	Trojan Tomorrow
5460	Thora	Virginian Pluto
5461	Thora	Wardrobe Phantom
5462	Thora	Wrong Behavior

3. Nombre Actor, Número de películas, Ordenar de mayor a menor

```sql
select actor.first_name, count(*) as movies_starring
from actor
inner join film_actor
on actor.actor_id = film_actor.actor_id
inner join film
on film_actor.film_id = film.film_id
group by actor.actor_id
order by movies_starring desc
```

	first_name character varying (45) 🔒	movies_starring bigint 🔒
1	Gina	42
2	Walter	41
3	Mary	40
4	Matthew	39
5	Sandra	37
196	Adam	18
197	Julia	16
198	Judy	15
199	Julia	15
200	Emily	14

4. Película, Número de veces alquilada

```sql
select film.title, count(*) as times_rented
from film
inner join inventory
on film.film_id = inventory.film_id
inner join rental
on inventory.inventory_id = rental.inventory_id
group by film.film_id
```

	title character varying (255) 🔒	times_rented bigint 🔒
1	Pajama Jawbreaker	14
2	Effect Gladiator	25
3	Balloon Homeward	23
4	Voyage Legally	28
5	Bikini Borrowers	17

954	Beethoven Exorcist	11
955	License Weekend	7
956	Barbarella Streetcar	25
957	Shootist Superfly	24
958	Spiking Element	13

5. Película, Dinero recaudado por película

```sql
select film.title, sum(amount) as money_collected
from film
inner join inventory
on film.film_id = inventory.film_id
inner join rental
on inventory.inventory_id = rental.inventory_id
inner join payment
on rental.rental_id = payment.rental_id
group by film.film_id
```

	title character varying (255) 🔒	money_collected numeric 🔒
1	Pajama Jawbreaker	39.86
2	Effect Gladiator	40.79
3	Balloon Homeward	91.78
4	Voyage Legally	42.75
5	Stallion Sundance	7.94

954	License Weekend	17.94
955	Beethoven Exorcist	16.89
956	Barbarella Streetcar	84.78
957	Shootist Superfly	36.77
958	Spiking Element	38.88

6. Nombre del mejor cliente (mayor gasto)

```sql
select customer.first_name, sum(payment.amount) as money_spent
from customer
inner join payment
on customer.customer_id = payment.customer_id
group by customer.first_name
order by money_spent desc
limit 1
```

	first_name character varying (45) 🔒	money_spent numeric 🔒
1	Marion	302.34

7. Nombre del mejor cliente (mayor num alquileres)

```sql
select customer.first_name, count(*) as times_rented
from customer
inner join payment
on customer.customer_id = payment.customer_id
group by customer.first_name
order by times_rented desc
limit 1
```

	first_name character varying (45) 🔒	times_rented bigint 🔒
1	Marion	66