

# Solucionario

1. a.

```
SELECT title,length  
FROM film  
ORDER BY length DESC
```

b.

```
SELECT *  
FROM Customer  
ORDER BY first_name AND last_name
```

c.

```
SELECT Actor_id,last_name  
FROM Actor  
ORDER BY actor_id ASC
```

2. a.

```
SELECT first_name  
FROM actor  
WHERE first_name LIKE 'w%'
```

b.

```
SELECT first_name  
FROM actor  
WHERE first_name LIKE 'a%el%'
```

c.

```
SELECT first_name  
FROM actor  
WHERE first_name LIKE '_____'
```

3. a.

```
SELECT name  
FROM category  
GROUP BY name ORDER BY name desc
```

b.

```
SELECT count(category_id) as cantidad  
FROM Category.
```

4. a.

```
SELECT first_name,address,phone  
FROM Customer C,Address A
```

WHERE A.address\_id=C.address\_id

b.

```
SELECT city,country
FROM City CTY,Country C
WHERE C.country_id=CTY.country_id AND country
in('afghanistan','Argentina')
```

5. a.

```
SELECT first_name,title
FROM actor a,film f,film_actor fa
WHERE a.actor_id=fa.actor_id AND fa.film_id=f.film_id
ORDER BY first_name ASC
```

b.

```
SELECT first_name,active,S.store_id,address,address2
FROM staff SF,Address A,store S
WHERE SF.staff_id=S.manager_staff_id AND A.address_id=SF.address_id
```

6.

```
SELECT sum(amount) as Monto
FROM payment
WHERE year(payment_date)=2005 AND month(payment_date) between 7 and 9
```

7.

```
SELECT distinct (title)
FROM film f, inventory i,rental r
WHERE f.film_id=i.film_id AND i.inventory_id=r.inventory_id
```

8.

```
SELECT first_name,city
FROM Customer C, Address A, City CY
WHERE C.address_id=A.Address_id AND A.city_id=CY.city_id AND active=0
ORDER BY city ASC
```

9.

```
SELECT count(f.film_id) as cantidad_de_alquileres,title
FROM film f, inventory i,rental r
WHERE f.film_id=i.film_id AND i.inventory_id=r.inventory_id
GROUP BY title ORDER BY cantidad_de_alquileres DESC limit 4
```

10.

```
SELECT title,film_id
FROM film f
WHERE title not in(
SELECT title FROM film f, inventory i,rental r WHERE f.film_id=i.film_id AND
i.inventory_id=r.inventory_id)
```

11.

```
SELECT count(inventory_id)as cantidad, film_id
FROM inventory
GROUP BY film_id ORDER BY cantidad DESC
```

12.

```
SELECT title,rental_date,payment_date,rental_rate,
return_date,amount,replacement_cost,i.inventory_id,rental_duration
FROM film f,inventory i,payment p,rental r
WHERE f.film_id=i.film_id AND i.inventory_id=r.inventory_id AND
r.rental_id=p.rental_id AND amount!=rental_rate AND return_date is NULL
```

13.

```
SELECT name,AVG(rental_rate)
FROM film f,category c,film_category fc
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id
GROUP BY name
```

14.

```
SELECT title,name,rental_rate as Precio_alquiler,rental_rate+rental_rate*0.50 as
Precio_50,rental_rate*2 as Precio_100
FROM film f,category c,film_category fc
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id
ORDER BY title AND category
```

15.

```
SELECT country FROM Customer c, Country cy, City cty,Address a, Rental r
WHERE c.address_id=a.address_id AND a.city_id=cty.city_id AND
cty.country_id=cy.country_id AND c.customer_id=r.customer_id
AND r.customer_id NOT IN(select r.customer_id from rental)
```

16.

```
SELECT country FROM country WHERE country not in(
SELECT country
FROM Customer c, Country cy, City cty,Address a, Rental r
WHERE c.address_id=a.address_id AND a.city_id=cty.city_id AND
cty.country_id=cy.country_id AND c.customer_id=r.customer_id)
```

17. **SELECT** f.title,first\_name,description,f.film\_id  
**FROM** actor A,film F,film\_actor FA  
**WHERE** A.actor\_id=FA.actor\_id AND F.film\_id=FA.film\_id  
**ORDER BY** title
18.  
**SELECT** title,rental\_rate **FROM** film  
**WHERE**(**SELECT** avg(rental\_rate) as promedio  
**FROM** film **WHERE** rating='PG-13'  
**GROUP BY** rating)<rental\_rate
19. a. **CREATE** table películas\_divertidas as **SELECT** \* **FROM** film **WHERE** special\_features  
**LIKE** '%Deleted Scenes%'
- b- **CREATE TABLE** películas\_nuevas (Nombre varchar(45),precio  
integer,Tiempo\_de\_alquiler int)
20.  
**UPDATE** películas SET rental\_rate=rental\_rate+rental\_rate\*0.25,  
rental\_duration=rental\_duration+1, film\_id=film\_id+1000
21.  
**DELETE FROM** film **WHERE** rating='G'. No se puede ejecutar el comando DELETE ya  
que una película tiene claves foráneas asociadas, con inventory, con film\_actor. Y  
Para borrarlas deberíamos borrarlas también de las otras tablas
22.  
**INSERT INTO** film **SELECT** \* **FROM** películas
- a- **INSERT INTO** películas\_nuevas **VALUES** ('Furia de titanes','8','6')
- b- **INSERT INTO** film **SELECT** \* **FROM** películas\_nuevas. No se puede ya que las  
tablas deben poseer la misma estructura para poder insertarse una en otra.
23.  
**DROP** table películas\_divertidas
24. **UPDATE** film **Set** title=**concat**(title, 'new')  
**WHERE** film\_id>1000

25.

```
CREATE TABLE staff_inactivo as  
SELECT * FROM staff WHERE active=0
```

26.

```
DELETE FROM staff WHERE active=0
```

27.

```
DELETE FROM film WHERE film_id in(  
SELECT count(f.film_id) as cantidad  
FROM inventory i,rental r  
WHERE f.film_id=i.film_id AND i.inventory_id=r.inventory_id  
GROUP BY title ORDER BY cantidad ASC limit 10)
```

28.

```
UPDATE film SET calification='Buena' WHERE film_id LIKE '%1';  
UPDATE film SET calification='Buena' WHERE film_id LIKE '%3';  
UPDATE film SET calification='Buena' WHERE film_id LIKE '%5';  
UPDATE film SET calification='Buena' WHERE film_id LIKE '%7';  
UPDATE film SET calification='Buena' WHERE film_id LIKE '%9';
```