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Ejecuta las siguientes consultas en SQL:

4. Muestra el listado de las películas ordenadas alfabéticamente

SELECT*FROM film ORDER BY title ASC;

1

SELECT*FROM film ORDER BY title asc;

Query History

Query Editor

Data Output

Explain

Messages

Notifications

	film_id [PK] integer		title text		description text		release_year integer	
1		1	ACADE...		A Epic Drama of a ...		2006	
2		2	ACE GO...		A Astounding Epist...		2006	
3		3	ADAPTA...		A Astounding Refle...		2006	
4		4	AFFAIR ...		A Fanciful Docume...		2006	
5		5	AFRICA...		A Fast-Paced Docu...		2006	
6		6	AGENT ...		A Intrepid Panoram...		2006	
7		7	AIRPLA...		A Touching Saga of...		2006	
8		8	AIRPOR...		A Epic Tale of a Mo...		2006	

5. Muestra sólo las películas de más de más de 100 minutos (length) que estén en francés.

SELECT*FROM film f INNER JOIN language l ON

f.language_id=l.language_id

WHERE length>100 AND l.name like 'French';

SELECT*FROM film f INNER JOIN language l ON f.language_id=l.language_id WHERE length>100 AND l.name like 'French';							
Query History Query Editor							
Data Output Explain Messages Notifications							
film_id integer	title text	description text	release_year integer	language_id smallint	orig sm		

6. ¿Cuál es la película que dura más y la que menos? Deberá ser una única SELECT con el primer título arriba y el segundo título abajo.

```
SELECT*FROM film WHERE length=(Select MAX(length)from film )
OR length=(SELECT MIN(length) from film ) LIMIT 2;
```

```
SELECT*FROM film WHERE length=(Select MAX(length)from film )
OR length=(SELECT MIN(length) from film ) LIMIT 2;
```

Query History Query Editor

Output Explain Messages Notifications

title	description	release_year	language_id	original_language_id	rental_duration	rental_rate	length
ext	text	integer	smallint	smallint	smallint	numeric (4,2)	smallint
ALIEN C...	A Brilliant Drama of...	2006	1	[null]	5	2.99	46
WHICAG...	A Fateful Yarn of a ...	2006	1	[null]	6	4.99	185

7. ¿Cuáles son las películas que duran más que la media?

```
SELECT*FROM film WHERE length>(Select AVG(length) from film);
```

```
3 SELECT*FROM film WHERE length>(Select AVG(length) from film);
```

Query History Query Editor

Data Output Explain Messages Notifications

	film_id	title	description	release_year	language_id	original_language_id
	[PK] integer	text	text	integer	smallint	smallint
1	4	AFFAIR ...	A Fanciful Docume...	2006	1	[null]
2	5	AFRICA...	A Fast-Paced Docu...	2006	1	[null]
3	6	AGENT ...	A Intrepid Panoram...	2006	1	[null]
4	11	ALAMO ...	A Boring Epistle of ...	2006	1	[null]
5	12	ALASKA...	A Fanciful Saga of ...	2006	1	[null]
6	13	ALI FOR...	A Action-Packed Dr...	2006	1	[null]
7	16	ALLEY E...	A Fast-Paced Dram...	2006	1	[null]
8	21	AMERIC...	A Insightful Drama ...	2006	1	[null]

8. ¿Qué películas duran más que ALICE FANTASIA?

SELECT * FROM film WHERE length >

(Select length from film WHERE title = 'ALICE FANTASIA');

```
3 SELECT * FROM film WHERE length >
4 (Select length from film WHERE title = 'ALICE FANTASIA');
```

Query History Query Editor

Data Output Explain Messages Notifications

	film_id [PK] integer	title text	description text	release_year integer	language_id smallint	original_language_id smallint
1	4	AFFAIR ...	A Fanciful Docume...	2006	1	[null]
2	5	AFRICA...	A Fast-Paced Docu...	2006	1	[null]
3	6	AGENT ...	A Intrepid Panoram...	2006	1	[null]
4	9	ALABA...	A Thoughtful Panor...	2006	1	[null]
5	11	ALAMO ...	A Boring Epistle of ...	2006	1	[null]
6	12	ALASKA...	A Fanciful Saga of ...	2006	1	[null]

9. Muestra el título de cada película junto con el nombre de la categoría a la que pertenece.

SELECT f.title, c.name from film f

INNER JOIN film_category fc ON f.film_id=fc.film_id

INNER JOIN category c ON fc.category_id=c.category_id;

```
6 SELECT f.title, c.name from film f
7 INNER JOIN film_category fc ON f.film_id=fc.film_id
8 INNER JOIN category c ON fc.category_id=c.category_id;
```

Query History Query Editor

Data Output Explain Messages Notifications

	title text	name text
1	ACADEMY DINOSAUR	Documentary
2	ACE GOLDFINGER	Horror
3	ADAPTATION HOLES	Documentary
4	AFFAIR PREJUDICE	Horror
5	AFRICAN EGG	Family
6	AGENT TRUMAN	Foreign
7	AIRPLANE SIERRA	Comedy
8	AIRPORT POLLOCK	Horror

10. ¿Cuántos actores están dados de alta en la base de datos Pagila?

SELECT Count(*) FROM actor;

```
6 SELECT Count(*) FROM actor;
```

Query History

Query Editor

Data Output

Explain

Messages

Notifications

	count bigint	
1	200	

11. Muestra un listado con el número de películas en la que participa cada actor

```
7 SELECT a.first_name, Count(*)
8 from actor a Inner join film_actor fa ON a.actor_id=fa.actor_id
9 INNER JOIN film f ON fa.film_id=f.film_id
10 GROUP BY a.first_name;
```

Query History

Query Editor

Data Output

Explain

Messages

Notifications

	first_name text	count bigint	
1	SIDNEY	34	
2	WOODY	62	
3	GOLDIE	28	
4	CHRIS	47	
5	BELA	30	
6	KIRSTEN	61	
7	PARKER	24	
8	MICHAEL	54	
9	ICANNIED	22	

12. Haz un listado con el nombre y apellidos de los actores junto con los títulos de las películas en las que ha participado.

```
SELECT CONCAT(a.first_name,a.last_name)AS nombre,f.title FROM actor a
INNER JOIN film_actor fa ON a.actor_id=fa.actor_id
INNER JOIN film f ON fa.film_id=f.film_id;
```

```

7  SELECT a.first_name,Count(*)
8  from actor a Inner join film_actor fa ON a.actor_id=fa.actor_id
9  INNER JOIN film f ON fa.film_id=f.film_id
10 GROUP BY a.first_name;|

```

Query History Query Editor

Data Output Explain Messages Notifications

	first_name text	count bigint
1	SIDNEY	34
2	WOODY	62
3	GOLDIE	28
4	CHRIS	47
5	BELA	30
6	KIRSTEN	61
7	PARKER	24
8	MICHAEL	54
9	JENNIFER	22

13. ¿Qué apellidos de los actores no se repiten de los actores?

Select DISTINCT(last_name) from actor;

```

7  Select DISTINCT( last_name) from actor
8

```

Query History Query Editor

Data Output Explain Messages Notifications

	last_name text
1	AKROYD
2	BRIDGES
3	HUNT
4	GIBSON
5	ALLEN
6	SUVARI
7	HESTON
8	MONROE
9	WILLIAMS

14. ¿Y los que se repiten más de 3 veces?

```
SELECT COUNT( last_name )  
FROM actor  
group by last_name  
HAVING COUNT(last_name)>3;
```

	count bigint	
1	4	
2	4	
3	5	

Query Editor	Query History
1	SELECT COUNT(last_name)
2	FROM actor
3	group by last_name
4	HAVING COUNT(last_name)>3;

15. Muestra un listado con el título de la película junto con el precio

```
SELECT title, replacement_cost from film;
```

	title text	replacement_cost numeric (5,2)	
1	ACADE...	20.99	
2	ACE GO...	12.99	
3	ADAPTA...	18.99	
4	AFFAIR ...	26.99	
5	AFRICA...	22.99	
6	AGENT ...	17.99	

Query Editor	Query History
1	SELECT *FROM film;
2	SELECT *FROM rental;
3	SELECT title, replacement_cost from film;

16. ¿Cuál es el idioma más mayoritario en las películas?

17. Muestra el total de pagos (payment) que ha hecho cada cliente (customer)

```
SELECT SUM(p.amount),c.customer_id From customer c
INNER JOIN payment p ON c.customer_id=p.customer_id
group by c.customer_id;
```

	sum numeric	customer_id [PK] integer
1	46.88	184
2	74.85	87
3	61.89	477
4	72.83	273
5	55.87	550
6	73.85	51

Query Editor Query History

```
SELECT*FROM film;
SELECT*FROM rental;
SELECT*FROM language;
SELECT title, replacement_cost from film;
SELECT*FROM payment;
SELECT*FROM customer;
```

```
SELECT SUM(p.amount),c.customer_id From customer c
INNER JOIN payment p ON c.customer_id=p.customer_id
group by c.customer_id;
```

19	84.82	309
----	-------	-----

18. ¿Qué información está almacenada en la tabla Inventory?

Guarda información sobre la cantidad de películas disponibles totales, las que están disponible en la tienda y cuando se realizó la última modificación sobre un producto en el inventario.

19. Haz un listado del número de copias de cada película de más a menos.

```
SELECT COUNT(*) FROM inventory
```

```
GROUP BY film_id
```

```
order by count(*) desc;
```

Notifications

Data Output

Explain

Messages

	count bigint	
1	8	
2	8	
3	8	
4	8	
5	8	
6	8	

Query Editor

Query History

```

SELECT COUNT(*) FROM inventory
GROUP BY film_id
order by count(*) desc;

```

20. ¿Cuáles son las películas con más de 5 copias?

```
SELECT f.title,COUNT(*) FROM film f
```

```
INNER JOIN inventory i ON f.film_id=i.film_id
```

```
GROUP BY f.title
```

```
HAVING COUNT(*)>5
```

```
order by count(*)desc;
```

Notifications

Data Output

Explain

Messages

	title text		count bigint	
1	TRIP NEWTON		8	
2	STORM HAPPINESS		8	
3	STREETCAR INTENTIONS		8	
4	MOON BUNCH		8	
5	OPERATION OPERATION		8	
6	SCALAWAG DUCK		8	

Query Editor

Query History

```

SELECT f.title,COUNT(*) FROM film f
INNER JOIN inventory i ON f.film_id=i.film_id
GROUP BY f.title
HAVING COUNT(*)>5

order by count(*)desc;

```


21. Analiza si la película de PANIC CLUB en la ciudad (city) de San Felipe de Puerto Plata

```
SELECT f.title,c.city FROM film f
```

```
INNER JOIN inventory i ON f.film_id=i.film_id
```

```
INNER JOIN Store s on i.store_id=s.store_id
```

```
INNER JOIN address a on s.address_id=a.address_id
```

```
INNER JOIN city c ON a.City_id=c.City_id
```

```
WHERE c.city='San Felipe de Puerto Plata' AND f.title='PANIC CLUB';
```

	title text	city text
--	---------------	--------------

Query Editor Query History

```
SELECT f.title,c.city FROM film f
INNER JOIN inventory i ON f.film_id=i.film_id
INNER JOIN Store s on i.store_id=s.store_id
INNER JOIN address a on s.address_id=a.address_id
INNER JOIN city c ON a.City_id=c.City_id
WHERE c.city='San Felipe de Puerto Plata' AND f.title='PANIC CLUB';
```

22. Muestra el número de la tienda (store_id), junto con el nombre y apellido del responsable (manager_staff_id) y la ciudad donde se encuentra.

```
SELECT st.first_name,st.last_name,s.store_id,a.address FROM staff st
```

```
INNER JOIN store s ON st.staff_id=s.manager_staff_id
```

```
INNER JOIN address a ON s.address_id=a.address_id;
```

	first_name text	last_name text	store_id integer	address text
1	Mike	Hillyer	1	47 MySakila Drive
2	Jon	Stephens	2	28 MySQL Boulevard

Query Editor Query History

```
SELECT*FROM store;
SELECT*FROM staff;
SELECT st.first_name,st.last_name,s.store_id,a.address FROM staff st
INNER JOIN store s ON st.staff_id=s.manager_staff_id
INNER JOIN address a ON s.address_id=a.address_id;
```

23. Muestra los nombres de los clientes y la cantidad de pagos que ha realizado.

```
SELECT c.first_name,c.last_name,SUM(p.amount) FROM customer c  
INNER JOIN payment p ON c.customer_id=p.customer_id  
GROUP BY c.first_name,c.last_name ;
```

	first_name text	last_name text	sum numeric
1	JONATHAN	SCARBOROUGH	25.94
2	TRACEY	BARRETT	39.88
3	RUSSELL	BRINSON	62.85
4	FRANKLIN	TROUTMAN	22.95
5	CASSANDRA	WALTERS	69.83
6	CECIL	VINES	37.90
7	JORDAN	ARCHULETA	68.83
8	THOMAS	GRIGSBY	31.93
9	RUBY	WASHINGTON	59.87
10	STANLEY	SCROGGINS	65.85

Query Editor Query History

```
1 |  
2 SELECT c.first_name,c.last_name,SUM(p.amount) FROM customer c  
3 INNER JOIN payment p ON c.customer_id=p.customer_id  
4 GROUP BY c.first_name,c.last_name
```

24. Dí quién es el cliente que más gasto ha hecho (sin usar el LIMIT).

25. Muestra el número de clientes que hay en cada continente de mayor a menor

*No hay ninguna tabla que tenga el campo 'CONTINENTE' , por lo que no se puede agrupar. Si el enunciado fuera por países, si se podría.

26. Inserta tus datos como si fueras un nuevo cliente y añade tu dirección (real o ficticia)

```
INSERT INTO customer VALUES (600, 2, 'ABRAHAM', 'BARRERA',
                              'ABRAHAMBARRERA@gmail.com',
                              605, true, '2017-02-14',
                              '2017-02-15 09:57:20', 1);
```

```
SELECT*FROM customer WHERE customer_id=600;
```

Notifications Data Output Explain Messages										
	customer_id [PK] integer	store_id smallint	first_name text	last_name text	email text	address_id smallint	activebool boolean	create_date date	last_update timestamp with time	
1	600	2	ABRAHAM	BARRERA	ABRAHAM...	605	true	2017-02-14	2017-02-15 09:57:20	

Query Editor Query History	
1	
2	INSERT INTO customer VALUES (600, 2, 'ABRAHAM', 'BARRERA',
3	'ABRAHAMBARRERA@gmail.com',
4	605, true, '2017-02-14',
5	'2017-02-15 09:57:20', 1);
6	
7	SELECT*FROM customer WHERE customer_id=600;

27. Realiza el alquiler de una película, puedes inventarte los datos.

```
INSERT INTO payment_p2017_05 VALUES (32099, 600, 2,
                                       14243, 2.99,
                                       '2017-05-14
                                       13:44:29.996577');
```

```
SELECT*FROM payment WHERE customer_id=600;
```

Notifications Data Output Explain Messages							
	payment_id integer	customer_id smallint	staff_id smallint	rental_id integer	amount numeric (5,2)	payment_date timestamp with time zone	
1	32099	600	2	14243	2.99	2017-05-14 13:44:29.996577+02	

Query Editor Query History	
1	SELECT*FROM payment;
2	INSERT INTO payment_p2017_05 VALUES (32099, 600, 2,
3	14243, 2.99,
4	'2017-05-14 13:44:29.996577');
5	
6	SELECT*FROM payment WHERE customer_id=600;

28. Añade el idioma ESPAÑOL

```
INSERT INTO language VALUES (7, 'Spanish', '2017-02-15 10:02:19');
SELECT*FROM language;
```

Notifications	Data Output	Explain	Messages
	language_id [PK] integer	name character (20)	last_update timestamp with time zone
1	1	English	2017-02-15 10:02:19+01
2	2	Italian	2017-02-15 10:02:19+01
3	3	Japanese	2017-02-15 10:02:19+01
4	4	Mandarin	2017-02-15 10:02:19+01
5	5	French	2017-02-15 10:02:19+01
6	6	German	2017-02-15 10:02:19+01
7	7	Spanish	2017-02-15 10:02:19+01

Query Editor	Query History
1	INSERT INTO language VALUES (7, 'Spanish', '2017-02-15 10:02:19');
2	SELECT*FROM language;

29. Cambia el idioma original de las películas que contengan una A al español

```
UPDATE film
SET language_id=7
WHERE title like '%A%';
```

```
SELECT*FROM film WHERE title like '%A%';
```

	film_id [PK] integer	title text	description text	release_year integer	language_id smallint	original_language_id smallint
1	133	CHAMBER ITALIAN	A Fateful Reflectio...	2006	7	7
2	394	HAMLET WISDOM	A Touching Reflecti...	2006	7	7
3	8	AIRPORT POLLOCK	A Epic Tale of a Mo...	2006	7	7
4	156	CLERKS ANGELS	A Thrilling Display ...	2006	7	7
5	1	ACADEMY DINOSAUR	A Epic Drama of a ...	2006	7	7
6	2	ACE GOLDFINGER	A Astounding Epist...	2006	7	7
7					7	7
8					7	7
9					7	7
10					7	7
11					7	7
12					7	7
13					7	7
14					7	7
15					7	7
16					7	7
17					7	7
18	14	ALICE FANTASIA	A Emotional Drama...	2006	7	7
19	15	ALIEN CENTER	A Brilliant Drama of...	2006	7	7
20	16	ALLEY EVOLUTION	A Fast-Paced Dram...	2006	7	7

Query Editor	Query History
1	UPDATE film
2	SET language_id=7
3	WHERE title like '%A%';
4	
5	SELECT*FROM film WHERE title like '%A%';

30. Elimina las películas cuyo idioma original sea el francés (puede que no haya ninguna).

DELETE FROM film WHERE language_id=5;

SELECT*FROM film WHERE language_id=5;

film_id	title	description	release_year	language_id	original_language_id
[PK] integer	text	text	integer	smallint	smallint

Query Editor

Query History

1 DELETE FROM film WHERE language_id=5;

2

3

4 SELECT*FROM film WHERE language_id=5;