

# ACIVIDAD 13

## 1-FECHA MAS ANTIGUA

The screenshot shows a SQL IDE window with multiple tabs. The active tab is 'SQL File 6\*'. The SQL editor contains the following code:

```
1 • use sakila;  
2  
3 -- Obtener la fecha más antigua de alquiler  
4 • SELECT MIN(rental_date) AS fecha_mas_antigua FROM rental;  
5
```

Below the editor, the 'Result Grid' is displayed with the following data:

fecha_mas_antigua
2005-05-24 22:53:30

- Obtener el ID de actor más bajo

The screenshot shows a SQL IDE window with the following code in the editor:

```
12  
13 • SELECT MAX(actor_id) AS id_actor_mas_alto FROM actor;  
14  
15 -- Obtener la duración mínima de una película
```

The 'Result Grid' shows the following data:

id_actor_mas_alto
200

- Obtener la duración mínima de una película

The screenshot shows a SQL IDE window with the following code in the editor:

```
14  
15  
16 • SELECT MIN(length) AS duracion_minima FROM film;
```

The 'Result Grid' shows the following data:

duracion_minima
46

- Obtener la fecha más reciente de alquiler

```
4 • SELECT MIN(rental_date) AS fecha_mas_antigua FROM rental;
5
6
7 • SELECT MAX(rental_date) AS fecha_mas_reciente FROM rental;
8
```

< Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

fecha_mas_reciente
2006-02-14 15:16:03

- Obtener el ID de actor más alto

```
12
13 • SELECT MAX(actor_id) AS id_actor_mas_alto FROM actor;
14
15 -- Obtener la duración mínima de una película
```

< Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

id_actor_mas_alto
200

- Obtener la duración máxima de una película

```
18
19 • SELECT MAX(length) AS duracion_maxima FROM film;
20
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content

duracion_maxima
185

- Contar el número total de actores

21

22 • `SELECT COUNT(*) AS total_actores FROM actor;`

23

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	total_actores			
▶	200			

- Contar cuántas películas tienen clasificación PG

23

24 • `SELECT COUNT(*) AS peliculas_pg FROM film WHERE rating = 'PG';`

25

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	peliculas_pg			
▶	194			

- Contar cuántos clientes hay en la tienda 1

25

26

27 • `SELECT COUNT(*) AS total_clientes_tienda1 FROM customer WHERE store_id = 1;`

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	total_clientes_tienda1			
▶	326			

- Sumar todos los pagos registrados

29

30 • `SELECT SUM(amount) AS total_pagos FROM payment;`

31

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	total_pagos			
▶	67406.56			

- Sumar la duración total de todas las películas

```

31
32
33 • SELECT SUM(length) AS duracion_total FROM film;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	duracion_total			
▶	115272			

- Sumar todos los pagos de un cliente específico (ID 5)

```

35
36 • SELECT SUM(amount) AS total_pago_cliente FROM payment WHERE customer_id = 5;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	total_pago_cliente			
▶	144.62			

- Calcular el promedio de duración de las películas

```

37
38
39 • SELECT AVG(length) AS promedio_duracion FROM film;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	promedio_duracion			
▶	115.2720			

- Calcular el promedio de los pagos realizados

```

1 • USE sakila;
2
3 • SELECT AVG(amount) AS promedio_pagos FROM payment;
4
5
6 • SELECT AVG(rental_duration) AS promedio_duracion_alquiler FROM film;
7

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	promedio_pagos			
▶	4.201356			

- Calcular el promedio de duración de alquiler de las películas

Query 1 x

Limit to 1000 rows

```

1 • USE sakila;
2   Execute the selected portion of the script or everything, if there is no selection
3 • SELECT AVG(amount) AS promedio_pagos FROM payment;
4
5
6 • SELECT AVG(rental_duration) AS promedio_duracion_alquiler FROM film;
7
8

```

Result Grid

promedio_duracion_alquiler
4.9850

- Mostrar nombres de actores con alias de nombre y apellido

```

8
9 • SELECT first_name AS nombre, last_name AS apellido FROM actor;
10
11

```

Result Grid

nombre	apellido
PENELOPE	GUINNESS
NICK	WAHLBERG
ED	CHASE
JENNIFER	DAVIS
JOHNNY	LOLLOBRIGIDA
BETTE	NICHOLSON
GRACE	MOSTEL

actor 3 x

- Mostrar la cantidad total de películas con un alias

```

11
12 • SELECT COUNT(*) AS total_peliculas FROM film;
13
14

```

Result Grid

total_peliculas
1000

- Calcular el pago total por cliente con un alias

```

13
14
15 • SELECT customer_id, SUM(amount) AS pago_total FROM payment GROUP BY customer_id;
16
17

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	customer_id	pago_total		
▶	1	118.68		
	2	128.73		
	3	135.74		
	4	81.78		
	5	144.62		
	6	93.72		
	7	151.67		

Result 5 x

Output

- Concatenar el nombre y apellido de los actores

```

17
18 • SELECT CONCAT(first_name, ' ', last_name) AS nombre_completo FROM actor;
19
20

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	nombre_completo			
▶	PENELOPE GUINNESS			
	NICK WAHLBERG			
	ED CHASE			
	JENNIFER DAVIS			
	JOHNNY LOLLOBRIGIDA			
	BETTE NICHOLSON			
	GRACE MOSTEL			

Result 6 x

Output

- Concatenar el título de la película con su clasificación

```

20
21 • SELECT CONCAT(title, ' - ', rating) AS pelicula_clasificacion FROM film;
22
23

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
	pelicula_clasificacion				
▶	ACADEMY DINOSAUR - PG				
	ACE GOLDFINGER - G				
	ADAPTATION HOLES - NC-17				
	AFFAIR PREJUDICE - G				
	AFRICAN EGG - G				
	AGENT TRUMAN - PG				
	AIRPLANE SIERRA - PG-13				

Result 7 x

- Concatenar el nombre completo del cliente con su ID

```

22
23
24 • SELECT CONCAT(customer_id, ': ', first_name, ' ', last_name) AS cliente_info FROM customer;
25

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

cliente_info
1: MARY SMITH
2: PATRICIA JOHNSON
3: LINDA WILLIAMS
4: BARBARA JONES
5: ELIZABETH BROWN
6: JENNIFER DAVIS
7: MARIA MILLER

Result 8 x

Output

- Convertir todos los nombres de actores a mayúsculas

```

26
27 • SELECT first_name AS nombre_minuscula, last_name AS apellido_minuscula FROM actor;
28
29
30 • SELECT title AS pelicula_minuscula FROM film;
31

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

nombre_minuscula	apellido_minuscula
PENELOPE	GUINNESS
NICK	WAHLBERG
ED	CHASE
JENNIFER	DAVIS
JOHNNY	LOLLOBRIGIDA
BETTE	NICHOLSON
GRACE	MOSTEL

actor 9 x

- Convertir todos los nombres de actores a minúsculas

```

26
27 • SELECT first_name AS nombre_minuscula, last_name AS apellido_minuscula FROM actor;
28
29
30 • SELECT title AS pelicula_minuscula FROM film;
31

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

nombre_minuscula	apellido_minuscula
PENELOPE	GUINNESS
NICK	WAHLBERG
ED	CHASE
JENNIFER	DAVIS
JOHNNY	LOLLOBRIGIDA
BETTE	NICHOLSON
GRACE	MOSTEL

actor 15 x

- Convertir los nombres de las películas a minúsculas

Query 1 x

Limit to 1000 rows

```

24 • SELECT CONCAT(customer_id, ': ', first_name, ' ', last_name) AS cliente
25      Execute the selected portion of the script or everything, if there is no selection
26
27 • SELECT first_name AS nombre_minuscula, last_name AS apellido_minuscula
28
29
30 • SELECT title AS pelicula_minuscula FROM film;
31

```

Result Grid

	pelicula_minuscula
▶	ACADEMY DINOSAUR
	ACE GOLDFINGER
	ADAPTATION HOLES
	AFFAIR PREJUDICE
	AFRICAN EGG
	AGENT TRUMAN
	AIRPLANE SIERRA

film 10 x

Output

Action Output

- Convertir el nombre del país a minúsculas

```

31
32
33 • SELECT country AS pais_minuscula FROM country;
34

```

Result Grid

	pais_minuscula
▶	Afghanistan
	Algeria
	American Samoa
	Angola
	Anguilla
	Argentina
	Armenia

country 11 x

- Obtener 5 películas saltando las primeras 10 en orden alfabético



35

36 • `SELECT title AS pelicula FROM film ORDER BY title ASC LIMIT 5 OFFSET 10;`

<

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

	pelicula
▶	ALAMO VIDEOTAPE
	ALASKA PHANTOM
	ALI FOREVER
	ALICE FANTASIA
	ALIEN CENTER

film 14 x

34

35

36 • `SELECT title AS pelicula FROM film ORDER BY title ASC LIMIT 5 OFFSET 10;`

37

<

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

	pelicula
▶	ALAMO VIDEOTAPE
	ALASKA PHANTOM
	ALI FOREVER
	ALICE FANTASIA
	ALIEN CENTER

film 12 x

Output

- Obtener 5 clientes saltando los primeros 15 en orden por apellido

38

39 • `last_name AS apellido, first_name AS nombre FROM customer ORDER BY last_name ASC LIMIT 5 OFFSET 15;`

<

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

	apellido	nombre
▶	ARSENAULT	KENT
	ARTIS	CARL
	ASHCRAFT	DARRYL
	ASHER	TYRONE
	AUSTIN	ALMA

Result Grid

Form Editor

customer 13 x

Read Only