Actividad 21

```
-- Liste las ciudades (id y nombre) y las tiendas que se encuentran en cada ciudad,
-- use RIGHT JOIN para mostrar TODAS las ciudades haya o no tiendas en ellas
SELECT city.city_id, city.city, store.store_id
FROM store
RIGHT JOIN address ON store.address_id = address.address_id
RIGHT JOIN city ON address.city_id = city.city_id;
```

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

city_id	city	store_id
1	A Coruña (La Coruña)	NULL
2	Abha	NULL
3	Abu Dhabi	NULL
4	Acuña	NULL
5	Adana	NULL
6	Addis Abeba	NULL
7	Aden	NULL

Result 1

Output

Action Output

#	Time	Action	Message
1	09:00:09	Use sakila	0 row(s) affected
2	09:00:14	SELECT city.city_id, city.city, store.store_id FROM store RIGHT JOIN address ON store.addre...	604 row(s) returned

```
-- Liste los países (id y nombre) y las ciudades que se encuentran en cada país,
-- use RIGHT JOIN para mostrar TODOS los países haya o no ciudades en ellos
SELECT country.country_id, country.country, city.city_id, city.city
FROM city
RIGHT JOIN country ON city.country_id = country.country_id;
```

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

country_id	country	city_id	city
1	Afghanistan	251	Kabul
2	Algeria	59	Batna
2	Algeria	63	Béchar
2	Algeria	483	Skikda
3	American Samoa	516	Tafuna
4	Angola	67	Benguela
4	Angola	360	Namibe

Result 2

Output

Action Output

#	Time	Action	Message
1	09:01:46	SELECT country.country_id, country.country, city.city_id, city.city FROM city RIGHT JOIN cou...	600 row(s) returned

```sql
-- Liste las ciudades (id y nombre) y los clientes que se encuentran en cada ciudad,
-- use RIGHT JOIN para mostrar TODAS las ciudades haya o no clientes en ellas
SELECT city.city_id, city.city, customer.customer_id
FROM customer
RIGHT JOIN address ON customer.address_id = address.address_id
RIGHT JOIN city ON address.city_id = city.city_id;
```

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

city_id	city	customer_id
1	A Coruña (La Coruña)	52
2	Abha	101
3	Abu Dhabi	452
4	Acuña	486
5	Adana	327
6	Addis Abeba	392
7	Aden	210

Result 3

Output

Action Output

#	Time	Action	Message
1	09:03:28	SELECT city.city_id, city.city, customer.customer_id FROM customer RIGHT JOIN address ON...	604 row(s) returned

```sql
-- Liste las películas que para la tienda 1 no hayan sido rentadas
SELECT film.film_id, film.title
FROM inventory
RIGHT JOIN film ON inventory.film_id = film.film_id
LEFT JOIN rental ON inventory.inventory_id = rental.inventory_id
WHERE inventory.store_id = 1 AND rental.rental_id IS NULL;
```

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

film_id	title

Result 4

Output

Action Output

#	Time	Action	Message
1	09:04:15	SELECT film.film_id, film.title FROM inventory RIGHT JOIN film ON inventory.film_id = film.film_i...	0 row(s) returned

```sql
-- Liste los nombres de los actores y en cuantas películas del catalogo participa
SELECT actor.first_name, actor.last_name, COUNT(film_actor.film_id) AS cantidad_peliculas
FROM actor
JOIN film_actor ON actor.actor_id = film_actor.actor_id
GROUP BY actor.actor_id;
```

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

first_name	last_name	cantidad_peliculas
PENELOPE	GUINESS	19
NICK	WAHLBERG	25
ED	CHASE	22
JENNIFER	DAVIS	22
JOHNNY	LOLLOBRIGIDA	29
BETTE	NICHOLSON	20
GRACE	MOSTEL	30

Result 5

Output

Action Output

#	Time	Action	Message
1	09:04:51	SELECT actor.first_name, actor.last_name, COUNT(film_actor.film_id) AS cantidad_peliculas F...	200 row(s) returned

```sql
-- Liste los nombres de las películas y en cuantas tiendas están registradas
SELECT film.title, COUNT(DISTINCT inventory.store_id) AS cantidad_tiendas
FROM film
JOIN inventory ON film.film_id = inventory.film_id
GROUP BY film.film_id;
```

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

title	cantidad_tiendas
ACADEMY DINOSAUR	2
ACE GOLDFINGER	1
ADAPTATION HOLES	1
AFFAIR PREJUDICE	2
AFRICAN EGG	1
AGENT TRUMAN	2
AIRPLANE SIERRA	2

Result 6

Output

Action Output

#	Time	Action	Message
1	09:05:31	SELECT film.title, COUNT(DISTINCT inventory.store_id) AS cantidad_tiendas FROM film JOIN...	958 row(s) returned

```sql
-- Liste los idiomas y cuantas películas están habladas en ese idioma
SELECT language.name, COUNT(film.film_id) AS cantidad_peliculas
FROM language
LEFT JOIN film ON language.language_id = film.language_id
GROUP BY language.language_id;
```

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

name	cantidad_peliculas
English	1000
Italian	0
Japanese	0
Mandarin	0
French	0
German	0

Result 7

Output

Action Output

#	Time	Action	Message
1	09:06:15	SELECT language.name, COUNT(film.film_id) AS cantidad_peliculas FROM language LEFT J...	6 row(s) returned

```sql
-- Liste cuantas veces ha sido rentada cada película en el catalogo
SELECT film.title, COUNT(rental.rental_id) AS cantidad_rentas
FROM film
JOIN inventory ON film.film_id = inventory.film_id
JOIN rental ON inventory.inventory_id = rental.inventory_id
GROUP BY film.film_id;
```

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

title	cantidad_rentas
ACADEMY DINOSAUR	23
ACE GOLDFINGER	7
ADAPTATION HOLES	12
AFFAIR PREJUDICE	23
AFRICAN EGG	12
AGENT TRUMAN	21
AIRPLANE SIERRA	15

Result 8

Output

Action Output

#	Time	Action	Message
1	09:06:41	SELECT film.title, COUNT(rental.rental_id) AS cantidad_rentas FROM film JOIN inventory ON fi...	958 row(s) returned

```sql
-- Liste cuantos pagos se realizaron en cada renta
SELECT rental_id, COUNT(payment_id) AS cantidad_pagos
FROM payment
GROUP BY rental_id;
```

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

rental_id	cantidad_pagos
1	1
2	1
3	1
4	1
5	1
6	1
7	1

Result 9

Output

Action Output

#	Time	Action	Message
1	09:07:01	SELECT rental_id, COUNT(payment_id) AS cantidad_pagos FROM payment GROUP BY rent...	1000 row(s) returned

```sql
-- Liste cuantas películas ha rentado cada cliente
SELECT customer_id, COUNT(rental_id) AS cantidad_peliculas_rentadas
FROM rental
GROUP BY customer_id;

-- Liste cuantas películas ha rentado cada miembro del staff
```

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

customer_id	cantidad_peliculas_rentadas
1	32
2	27
3	26
4	22
5	38
6	28
7	33

Result 10

Output

Action Output

#	Action	Message
1	SELECT customer_id, COUNT(rental_id) AS cantidad_peliculas_rentadas FROM rental GROU...	599 row(s) returned

```sql
-- Liste cuantas películas ha rentado cada miembro del staff
SELECT staff_id, COUNT(rental_id) AS cantidad_rentadas
FROM rental
GROUP BY staff_id;
```

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

staff_id	cantidad_rentadas
1	8040
2	8004

Result 11

Output

Action Output

#	Action	Message
1	SELECT staff_id, COUNT(rental_id) AS cantidad_rentadas FROM rental GROUP BY staff_id L...	2 row(s) returned

```sql
-- Liste los clientes que han generado pagos con un monto total mayor a $10
SELECT customer_id, SUM(amount) AS total_pagado
FROM payment
GROUP BY customer_id
HAVING total_pagado > 10;
```

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

customer_id	total_pagado
1	118.68
2	128.73
3	135.74
4	81.78
5	144.62
6	93.72
7	151.67

Result 12

Output

Action Output

#	Action	Message
1	SELECT customer_id, SUM(amount) AS total_pagado FROM payment GROUP BY customer_i...	599 row(s) returned

```sql
-- Liste los empleados que han generado pagos con un monto total mayor a $100
SELECT staff_id, SUM(amount) AS total_pagado
FROM payment
GROUP BY staff_id
HAVING total_pagado > 100;
```

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

staff_id	total_pagado
1	33482.50
2	33924.06

Result 13

Output

Action Output

#	Action	Message
1	SELECT staff_id, SUM(amount) AS total_pagado FROM payment GROUP BY staff_id HAVIN...	2 row(s) returned

```sql
-- Calcule el número de pagos realizados por cada cliente en el mes de junio
SELECT customer_id, COUNT(payment_id) AS cantidad_pagos_junio
FROM payment
WHERE MONTH(payment_date) = 6
GROUP BY customer_id;
```

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

customer_id	cantidad_pagos_junio
1	7
2	1
3	4
4	6
5	5
6	4
7	5

Result 14

Output

Action Output

#	Action	Message
1	SELECT customer_id, COUNT(payment_id) AS cantidad_pagos_junio FROM payment WHER...	590 row(s) returned

```sql
-- Calcule la cantidad de películas por cada duración de renta (rental_duration)
SELECT rental_duration, COUNT(*) AS cantidad_peliculas
FROM film
GROUP BY rental_duration;
```

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

rental_duration	cantidad_peliculas
3	203
4	203
5	191
6	212
7	191

Result 15

Output

Action Output

#	Action	Message
1	SELECT rental_duration, COUNT(*) AS cantidad_peliculas FROM film GROUP BY rental_durat...	5 row(s) returned

```sql
-- Calcule la cantidad total de pagos recibidos cada año
SELECT YEAR(payment_date) AS año, SUM(amount) AS total_pagado
FROM payment
GROUP BY año;
```

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

año	total_pagado
2005	66892.38
2006	514.18

Result 16

Output

Action Output

#	Action	Message
1	SELECT YEAR(payment_date) AS año, SUM(amount) AS total_pagado FROM payment GRO...	2 row(s) returned

```sql
-- Calcule el monto total de pagos por cada día de la semana
SELECT DAYNAME(payment_date) AS dia_semana, SUM(amount) AS total_pagado
FROM payment
GROUP BY dia_semana;
```

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

dia_semana	total_pagado
Friday	9565.28
Monday	9345.53
Saturday	9930.89
Sunday	9745.80
Thursday	9336.00
Tuesday	10217.37
Wednesday	9265.69

Result 1

Output

Action Output

#	Time	Action	Message
1	09:19:09	SELECT DAYNAME(payment_date) AS dia_semana, SUM(amount) AS total_pagado FROM p...	7 row(s) returned

```sql
-- Liste los días donde el total de pagos fue mayor a $50
SELECT DATE(payment_date) AS fecha, SUM(amount) AS total_pagado
FROM payment
GROUP BY fecha
HAVING total_pagado > 50;
```

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

fecha	total_pagado
2005-05-25	573.63
2005-05-26	754.26
2005-05-27	684.34
2005-05-28	804.04
2005-05-29	648.46
2005-05-30	628.42
2005-05-31	700.37

Result 2

Output

Action Output

#	Time	Action	Message
1	09:20:00	SELECT DATE(payment_date) AS fecha, SUM(amount) AS total_pagado FROM payment GR...	40 row(s) returned

```sql
-- Calcule cuántas películas hay en cada duración (length) específica
SELECT length, COUNT(*) AS cantidad_peliculas
FROM film
GROUP BY length;
```

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

length	cantidad_peliculas
46	5
47	7
48	11
49	5
50	9
51	7
52	7

Result 3

Output

Action Output

#	Time	Action	Message
1	09:21:38	SELECT length, COUNT(*) AS cantidad_peliculas FROM film GROUP BY length LIMIT 0, 1000	140 row(s) returned

```sql
-- Calcule la cantidad de pagos realizados en cada tienda
SELECT staff.store_id, COUNT(payment.payment_id) AS cantidad_pagos
FROM payment
JOIN staff ON payment.staff_id = staff.staff_id
GROUP BY staff.store_id;
```

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

length	cantidad_peliculas
46	5
47	7
48	11
49	5
50	9
51	7
52	7

Result 20

Output

Action Output

#	Time	Action	Message
1	09:22:49	SELECT length, COUNT(*) AS cantidad_peliculas FROM film GROUP BY length LIMIT 0, 1000	140 row(s) returned

```sql
-- Calcule el monto total de pagos por cada cliente,
-- pero solo para aquellos que han realizado más de 5 pagos
SELECT customer_id, SUM(amount) AS total_pagado
FROM payment
GROUP BY customer_id
HAVING COUNT(payment_id) > 5;
```

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

customer_id	total_pagado
1	118.68
2	128.73
3	135.74
4	81.78
5	144.62
6	93.72
7	151.67

Result 21

Output

Action Output

#	Time	Action	Message
1	09:23:09	SELECT customer_id, SUM(amount) AS total_pagado FROM payment GROUP BY customer_i...	599 row(s) returned

```sql
-- Calcule el número de películas (puede haber mas de 1 película por cada titulo) según su clasificaci
SELECT rating, COUNT(*) AS cantidad_peliculas
FROM film
GROUP BY rating;
```

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

rating	cantidad_peliculas
G	178
PG	194
PG-13	223
R	195
NC-17	210

Result Grid

Form Editor

Result 22

Read On

Output

Action Output

#	Time	Action	Message
1	09:23:35	SELECT rating, COUNT(*) AS cantidad_peliculas FROM film GROUP BY rating LIMIT 0, 1000	5 row(s) returned

```sql
-- Liste los clientes que han realizado pagos con un monto promedio mayor a $5
SELECT customer_id, AVG(amount) AS promedio_pago
FROM payment
GROUP BY customer_id
HAVING promedio_pago > 5;
```

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

customer_id	promedio_pago
3	5.220769
19	5.240000
22	5.171818
82	5.028462
181	5.137059
187	5.704286
200	5.064074

Result 23

Output

Action Output

#	Action	Message
1	SELECT customer_id, AVG(amount) AS promedio_pago FROM payment GROUP BY customer...	23 row(s) returned

```sql
-- Calcule la cantidad de títulos de películas en cada duración de renta (rental_duration) mayor a 5 di
SELECT rental_duration, COUNT(title) AS cantidad_titulos
FROM film
WHERE rental_duration > 5
GROUP BY rental_duration;
```

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

rental_duration	cantidad_titulos
6	212
7	191

Result Grid

Form Editor

Result 24

Read Onl

Output

Action Output

#	Action	Message
1	SELECT rental_duration, COUNT(title) AS cantidad_titulos FROM film WHERE rental_duration ...	2 row(s) returned

```sql
-- Liste el total de pagos recibidos por cada mes, pero solo los meses con más de 100 pagos
SELECT MONTH(payment_date) AS mes, SUM(amount) AS total_pagado, COUNT(*) AS cantidad_pagos
FROM payment
GROUP BY mes
HAVING cantidad_pagos > 100;
```

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

mes	total_pagado	cantidad_pagos
2	514.18	182
5	4823.44	1156
6	9629.89	2311
7	28368.91	6709
8	24070.14	5686

Result 25

Output

Action Output

#	Action	Message
1	SELECT MONTH(payment_date) AS mes, SUM(amount) AS total_pagado, COUNT(*) AS canti...	5 row(s) returned

```sql
-- Liste las clasificaciones de películas (rating) que tienen más de 50 películas registradas
SELECT rating, COUNT(*) AS cantidad_peliculas
FROM film
GROUP BY rating
HAVING cantidad_peliculas > 50;
```

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

rating	cantidad_peliculas
G	178
PG	194
PG-13	223
R	195
NC-17	210

Result 26

Output

Action Output

#	Action	Message
1	SELECT rating, COUNT(*) AS cantidad_peliculas FROM film GROUP BY rating HAVING canti...	5 row(s) returned