Actividad 15

1. Calcule el monto de las rentas de cada empleado con durante el mes de mayo

SELECT a.staff_id,b.first_name,b.last_name,sum(amount) as total
FROM payment a, staff b
WHERE a.staff_id=b.staff_id and month(payment_date)=5
GROUP BY staff_id

```
1 •  SELECT a.staff_id,b.first_name,b.last_name,sum(amount) as total
2    FROM payment a, staff b
3    WHERE a.staff_id=b.staff_id and month(payment_date)=5
4    GROUP BY staff_id
```

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

staff_id	first_name	last_name	total
1	Mike	Hillyer	2621.83
2	Jon	Stephens	2201.61

2. Calcule el promedio de los pagos por cada mes

SELECT month(payment_date) as mes, avg(amount) as promedio
FROM payment
GROUP BY month(payment_date)

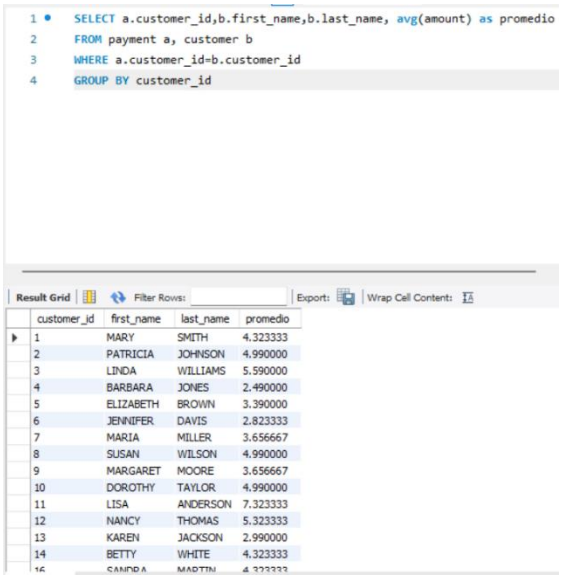
```
1 •  SELECT month(payment_date) as mes, avg(amount) as promedio
2    FROM payment
3    GROUP BY month(payment_date)
```

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

mes	promedio
5	4.172526
6	4.025587

3. Calcule el promedio de los pagos de cada cliente

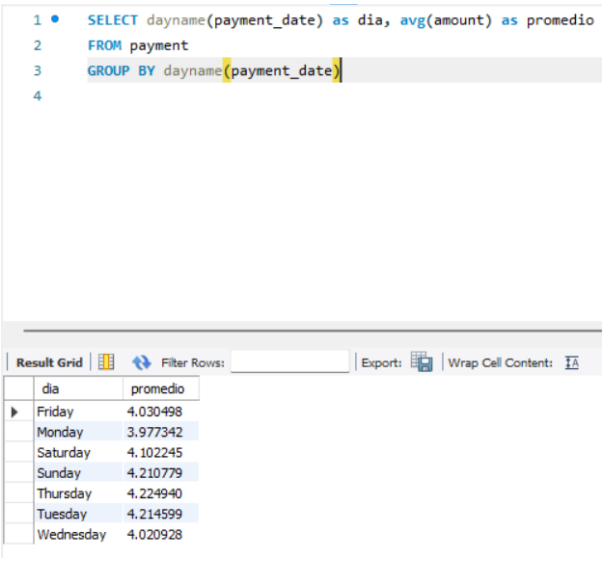
```
SELECT a.customer_id,b.first_name,b.last_name, avg(amount) as promedio
FROM payment a, customer b
WHERE a.customer_id=b.customer_id
GROUP BY customer_id
```



customer_id	first_name	last_name	promedio
1	MARY	SMITH	4.323333
2	PATRICIA	JOHNSON	4.990000
3	LINDA	WILLIAMS	5.590000
4	BARBARA	JONES	2.490000
5	ELIZABETH	BROWN	3.390000
6	JENNIFER	DAVIS	2.823333
7	MARIA	MILLER	3.656667
8	SUSAN	WILSON	4.990000
9	MARGARET	MOORE	3.656667
10	DOROTHY	TAYLOR	4.990000
11	LISA	ANDERSON	7.323333
12	NANCY	THOMAS	5.323333
13	KAREN	JACKSON	2.990000
14	BETTY	WHITE	4.323333

4. Calcule el promedio de los pagos de cada dia de la semana

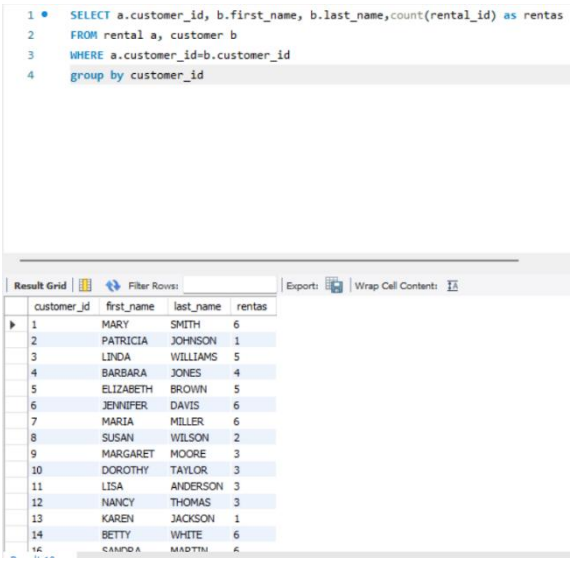
```
SELECT dayname(payment_date) as dia, avg(amount) as promedio
FROM payment
GROUP BY dayname(payment_date)
```



dia	promedio
Friday	4.030498
Monday	3.977342
Saturday	4.102245
Sunday	4.210779
Thursday	4.224940
Tuesday	4.214599
Wednesday	4.020928

5. Calcule cuantas rentas tiene cada cliente

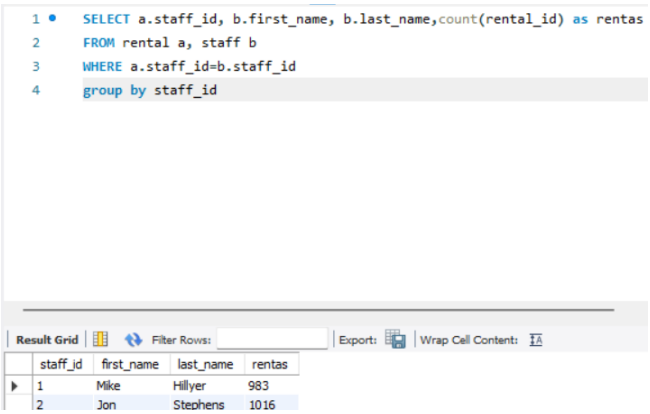
```
SELECT a.customer_id, b.first_name, b.last_name,count(rental_id) as rentas
FROM rental a, customer b
WHERE a.customer_id=b.customer_id
group by customer_id
```



customer_id	first_name	last_name	rentas
1	MARY	SMITH	6
2	PATRICIA	JOHNSON	1
3	LINDA	WILLIAMS	5
4	BARBARA	JONES	4
5	ELIZABETH	BROWN	5
6	JENNIFER	DAVIS	6
7	MARIA	MILLER	6
8	SUSAN	WILSON	2
9	MARGARET	MOORE	3
10	DOROTHY	TAYLOR	3
11	LISA	ANDERSON	3
12	NANCY	THOMAS	3
13	KAREN	JACKSON	1
14	BETTY	WHITE	6

6. Calcule cuantas rentas tiene cada empleado

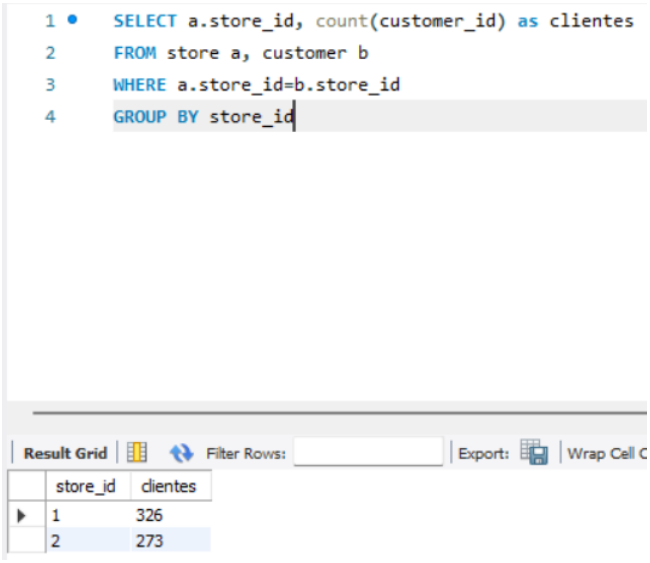
```
SELECT a.staff_id, b.first_name, b.last_name,count(rental_id) as rentas
FROM rental a, staff b
WHERE a.staff_id=b.staff_id
group by staff_id
```



staff_id	first_name	last_name	rentas
1	Mike	Hillyer	983
2	Jon	Stephens	1016

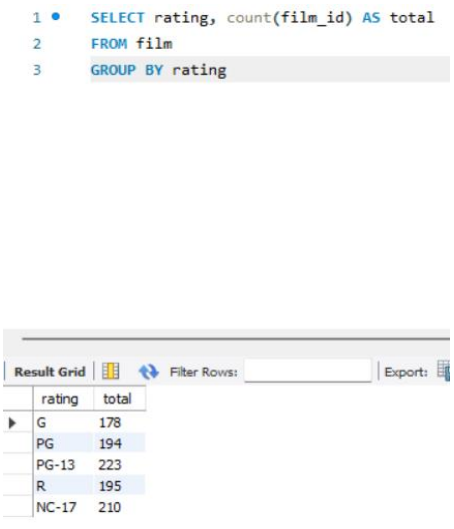
7. Calcule cuantos clientes tiene cada tienda

SELECT a.store_id, count(customer_id) as clientes
FROM store a, customer b
WHERE a.store_id=b.store_id
GROUP BY store_id



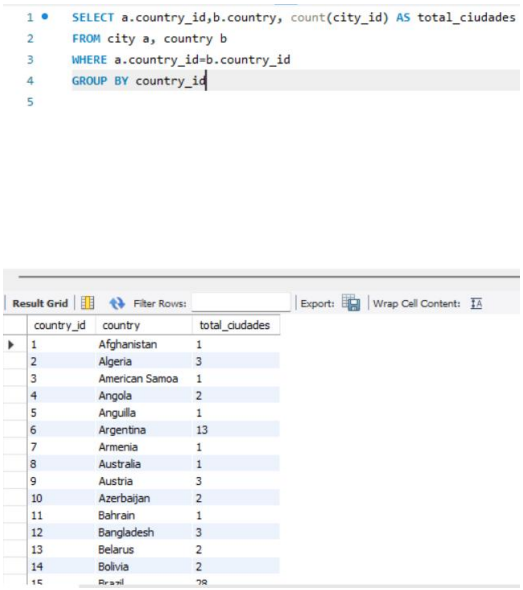
8. Calcule cuantas películas tiene cada categoría de rating

SELECT rating, count(film_id) AS total
FROM film
GROUP BY rating



9. Calcule cuantas ciudades están registradas por país

```
SELECT a.country_id,b.country, count(city_id) AS total_ciudades
FROM city a, country b
WHERE a.country_id=b.country_id
GROUP BY country_id
```



country_id	country	total_ciudades
1	Afghanistan	1
2	Algeria	3
3	American Samoa	1
4	Angola	2
5	Anguilla	1
6	Argentina	13
7	Armenia	1
8	Australia	1
9	Austria	3
10	Azerbaijan	2
11	Bahrain	1
12	Bangladesh	3
13	Belarus	2
14	Bolivia	2

10. Calcule cuantas películas hay en cada tienda

SELECT store_id, count(inventory_id) AS total_peliculas

FROM inventory

GROUP BY store_id

```
SELECT store_id, count(inventory_id) AS total_peliculas
FROM inventory
GROUP BY store_id
```

store_id	total_peliculas
1	2270
2	2311