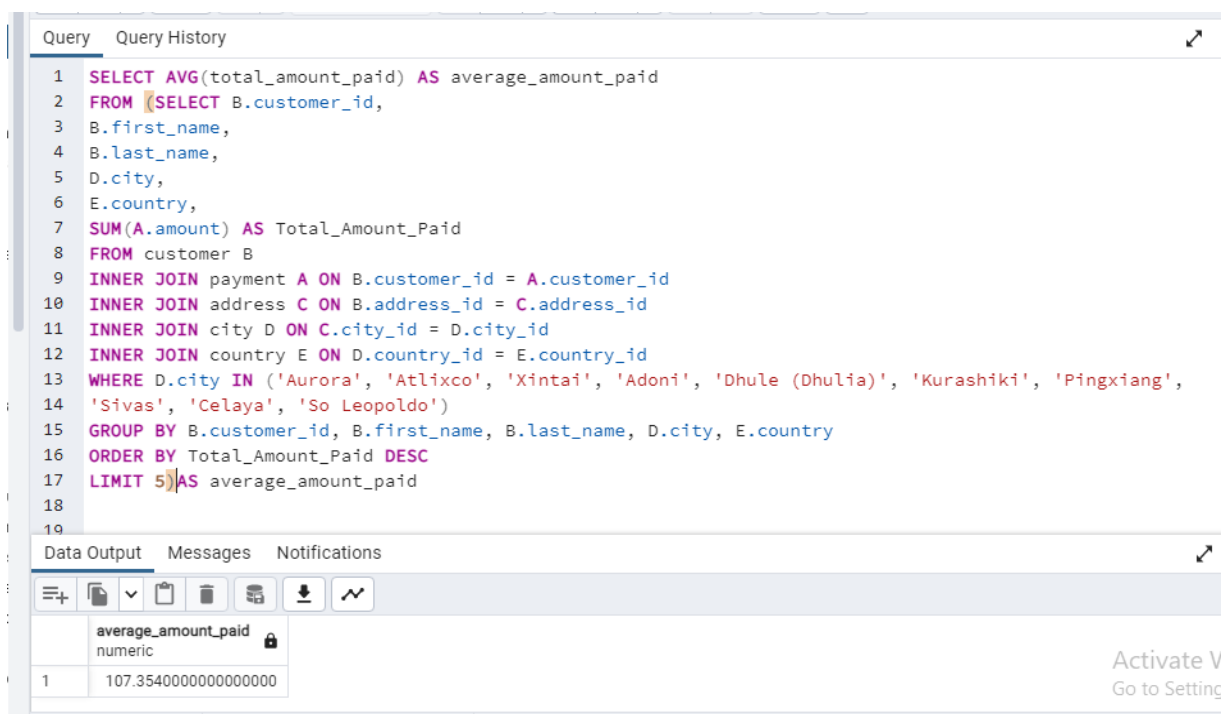


Q1 Find the average amount paid by the top 5 customers.

```
SELECT AVG(total_amount_paid) AS average_amount_paid
FROM (SELECT B.customer_id,
B.first_name,
B.last_name,
D.city,
E.country,
SUM(A.amount) AS Total_Amount_Paid
FROM customer B
INNER JOIN payment A ON B.customer_id = A.customer_id
INNER JOIN address C ON B.address_id = C.address_id
INNER JOIN city D ON C.city_id = D.city_id
INNER JOIN country E ON D.country_id = E.country_id
WHERE D.city IN ('Aurora', 'Atlixco', 'Xintai', 'Adoni', 'Dhule (Dhulia)', 'Kurashiki', 'Pingxiang',
'Sivas', 'Celaya', 'So Leopoldo'))
GROUP BY B.customer_id, B.first_name, B.last_name, D.city, E.country
ORDER BY Total_Amount_Paid DESC
LIMIT 5)
AS average_amount_paid
```



Q2: Find out how many of the top 5 customers are based within each country.

Your final output should include 3 columns:

- “country”
- “all_customer_count” with the total number of customers in each country
- “top_customer_count” showing how many of the top 5 customers live in each country

Query

```
SELECT all_customers.country, all_customers.all_customer_count,
top_customers.top_customer_count
FROM
(SELECT DISTINCT D.country, COUNT (DISTINCT A.customer_id) AS all_customer_count
FROM customer A
INNER JOIN rental E ON A.customer_id = E.customer_id
INNER JOIN payment F ON E.rental_id = F.rental_id
INNER JOIN address B ON A.address_id = B.address_id
INNER JOIN city C ON B.city_ID = C.city_id
INNER JOIN country D on C.country_ID = D.country_ID
GROUP BY country
ORDER BY all_customer_count DESC) AS all_customers
INNER JOIN
(SELECT top_5_customers.country, COUNT (top_5_customers.customer_id) AS
top_customer_count
FROM (SELECT
A.customer_id, A.first_name, A.last_name, C.city, D.country, SUM(F.amount) AS
total_paid_to_rockbuster
FROM customer A
INNER JOIN rental E ON A.customer_id = E.customer_id
INNER JOIN payment F ON E.rental_id = F.rental_id
INNER JOIN address B ON A.address_id = B.address_id
INNER JOIN city C ON B.city_ID = C.city_id
INNER JOIN country D on C.country_ID = D.country_ID
WHERE city IN ('Aurora','Atlixco','Xintai','Adoni','Dhule (Dhulia)',
'Kurashiki','Pingxiang','Sivas','Celaya','So Leopoldo')
GROUP BY a.customer_id, A.first_name, A.last_name, C.city, D.country
ORDER BY total_paid_to_rockbuster DESC
LIMIT 5) AS top_5_customers
GROUP BY top_5_customers.country) AS top_customers
ON all_customers.country = top_customers.country
ORDER BY top_customer_count DESC
```

