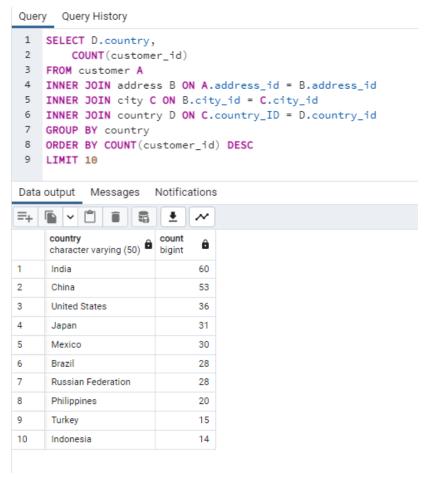
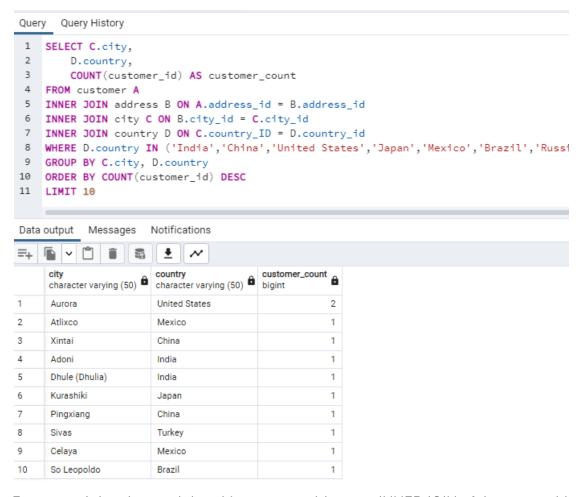
1. Write a query to find the top 10 countries for Rockbuster in terms of customer numbers.



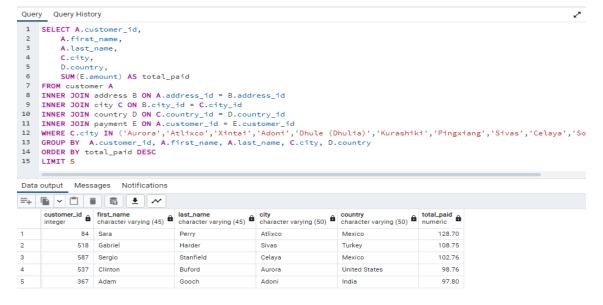
First, I reviewed the ERD created in exercise 3.2 to see which tables I needed to combine and through which keys. I saw that the connection path would require combining a few columns of data from multiple tables (4), so I now know this will require an INNER JOIN. After combining the tables, I used GROUP BY country because we are looking at which countries hold the most customers. Then, to show an output in a specified order (top 10 countries), I used the ORDER BY COUNT of customer_id in DESCending order to show the highest customer count at the top of the list. Lastly, adding LIMIT 10 gave us an output of only the 10 highest countries' customer counts.

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2. Write a query to find the top 10 cities within the top 10 countries identified in step 1.



- From step 1, I understood that this query would use an INNER JOIN of the same tables, so it doesn't need to change much. I chose to select the city, country (for clarity), and customer count in the output. I used the WHERE clause to include the top 10 countries from step 1. Then grouped by city and country, in descending order of customer count. Lastly limited to the top 10.
- 3. Write a query to find the top 5 customers in the top 10 cities who have paid the highest total amounts to Rockbuster. The customer team would like to reward them for their loyalty!



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