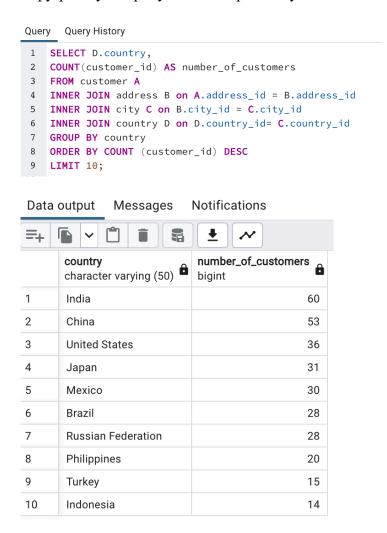
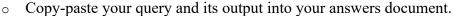
- 1. Write a query to find the top 10 countries for Rockbuster in terms of customer numbers. (Tip: you'll have to use GROUP BY and ORDER BY, both of which follow the join.)
 - o Copy-paste your query and its output into your answers document.

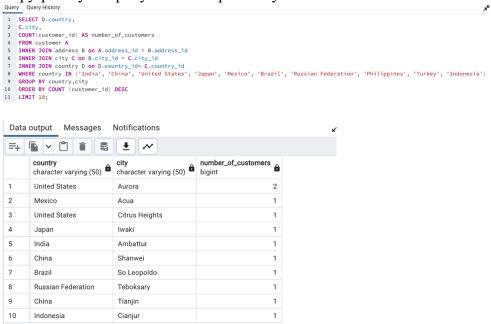


 Write a few sentences on how you approached this query and why. It's important that you can explain your thought process when writing queries, especially for future interviews.

Answer: I first looked at the ERD map, and identify the tables (customer, address, city, country) I will need for this particular query. Then I decided to use INNER JOIN instead of the other joins since it is the most time efficient one.

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





o Write a short explanation of how you approached this query and why.

Answer: I modify my query based on the pervious one, as we want to the top 10 cities, so I added C.city in the SELECT demand, also we are asked to find the top 10 cities within the top 10 countries, so I used the WHERE command to add this condition.

- 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!
 - Tip: After the join syntax, you'll need to use the WHERE clause with an operator, followed by GROUP BY and ORDER BY. Your output should include the following columns: Customer ID, Customer First Name and Last Name, Country, City, Total Amount Paid.
 - o Copy-paste your query and its output into your answers document.

