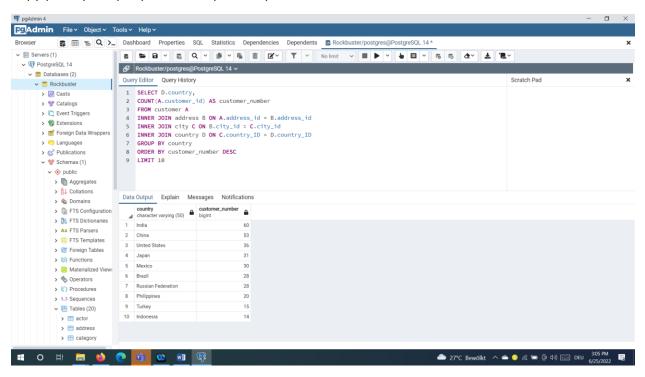
3.7: Joining Tables of Data

- 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.)
 - Copy-paste your query and its output into your answers document.



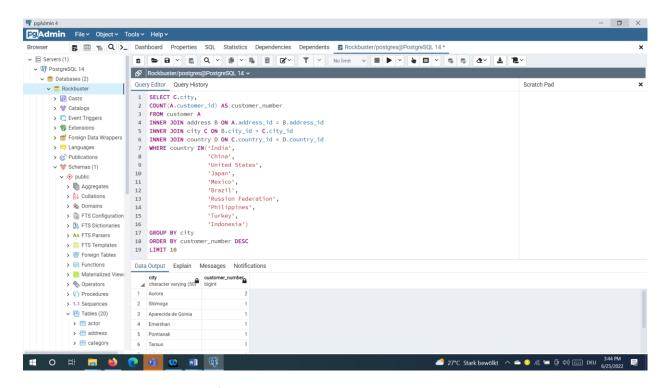
• Write a few sentences on how you approached this query and why. It's important that you can explain your thought process when writing queries, especially for future interviews.

I revisited the customer, address, city, and country data tables and I was trying to realize how this tables are connected.

I then joined the customer data with the address, city, and country data with the inner join command.

I have inserted GROUP BY command and counted the customer based on country. With ORDER BY command I have arranged customer numbers from highest to lowest. With LIMIT 10 command I got first 10 on the list.

- 2. Write a query to find the top 10 cities within the top 10 countries identified in step 1.
 - Copy-paste your query and its output into your answers document.



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

Looking for the cities in the top 10 countries identified earlier, then grouping by city and sorting by number of customers in each city. And at the end limiting output to 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!
 - 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.

• Copy-paste your query and its output into your answers document.

