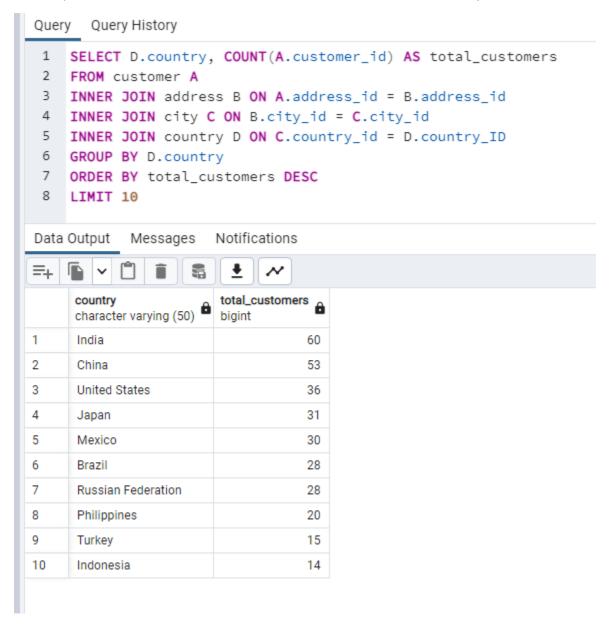
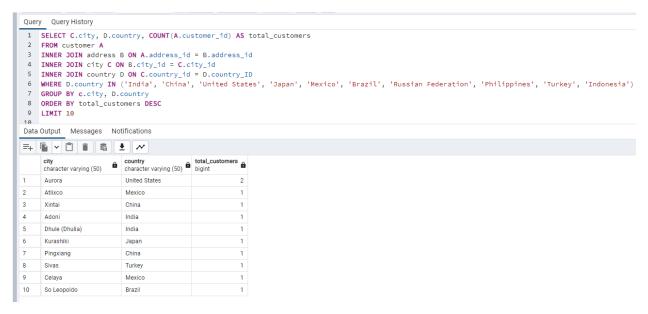
Task 3.7 – Joining Tables of Data

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.)



I began by first breaking down the question and looking at the ERD I had created in Task 3.2. The question asked for the top 10 countries in terms of customer numbers, so I knew I had to look for a table that had a list of countries as well as a table that would have a record of customers. In this case, the country table had data on the names of countries, and the customer table would have the record of customers I needed. I chose to use INNER JOINs because I knew I had to target specifically the customers that had a country filled in.

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



To solve this question, I used the same steps as the previous query, but with the addition of cities from the city table and the inclusion of WHERE to limit the number of countries to the top 10 countries from the previous query.

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!

