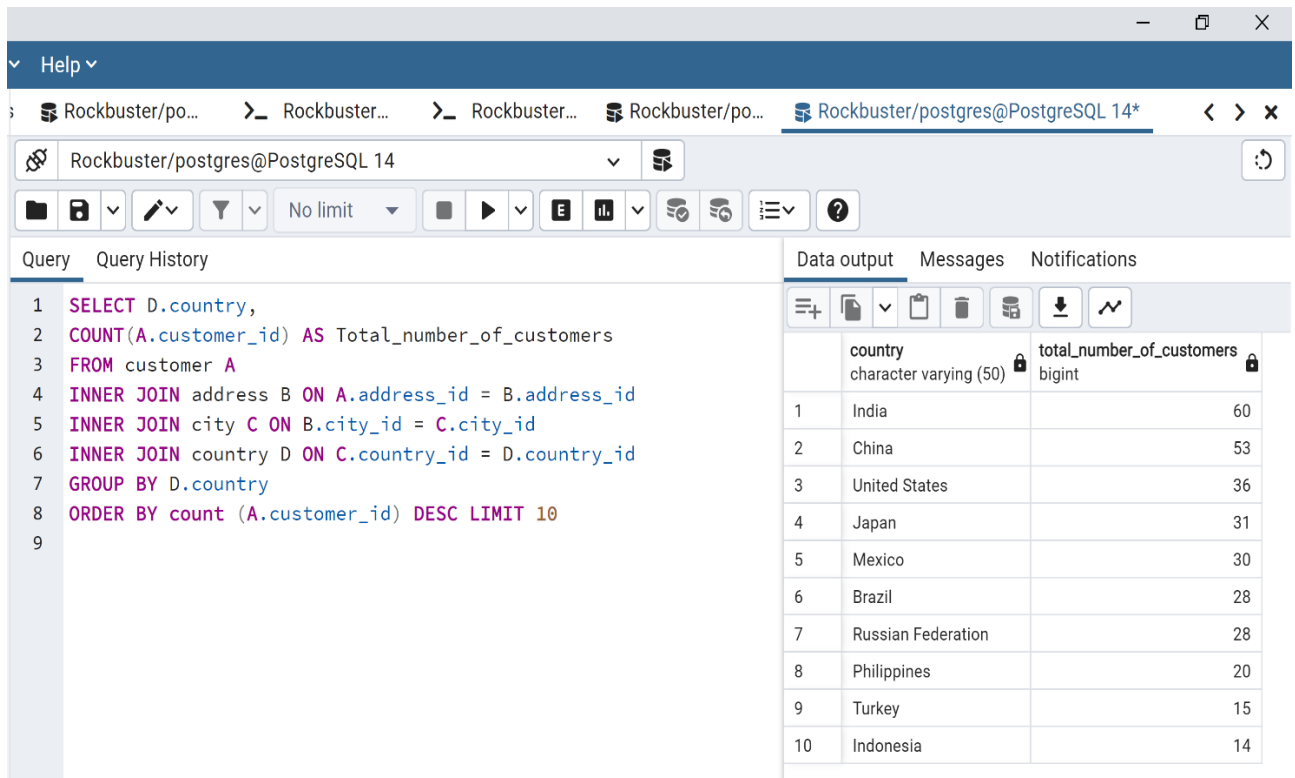# 3.7: Joining Tables of Data

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

How to approach this query :

Step 1. Identify tables: The tables required to know the top 10 countries in terms of the total number of customers are the customer and country tables. Thus, using the SELECT country and COUNT customer id. After identifying all the required tables, the next step would be to form the query thus, using the INNER JOIN function to join all the tables with the required information.

The final step is to GROUP the information according to the required data which is summing up the data for each country and using the ORDER BY COUNT to order by customers in the country by descending order. To limit the information to the required 10, use of the LIMIT function is needed.

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

After identifying and forming the query in Question 2 this query added the city table to the SELECT part of the query in order to know the top 10 cities within the top 10 countries. The WHERE and IN functions were used to specify which countries needed to be checked.

3. A query to find the top 5 customers in the top 10 cities who have paid the highest total amounts to Rockbuster.

4.