## STEP 1

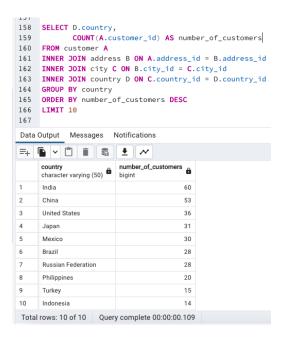
## Write a query to find the top 10 countries for Rockbuster in terms of customer numbers.

 We were looking for specific data from both tables (customer, country), therefore it was appropriate to use INNER JOIN.

From looking at ERD we knew that access to 4 tables was needed (customer, address, city, country). The tables were connected by common keys that can be seen in the query.

The results were grouped by *country* column and ordered in descending order.

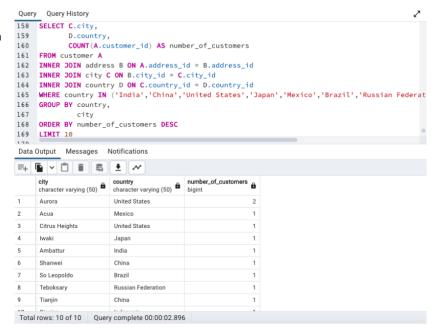
A LIMIT 10 returns only top 10 countries.



## STEP 2

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

- I used the query from step 1 and added city as a column I am interested in SELECT.
- To specify which citiesin which country I am looking for I added WHERE country IN.



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!

• Because we are also looking for Total Amount paid by customers, a payment table needed to be added as well. The lettering of the tables has been shifted:

A payment

B customer

C address

D city

E country

- After JOIN we added WHERE city IN to specify which cities, we want to pull the customer data from.
- This time we are only searching for TOP 5 customers, therefore LIMIT 5.

