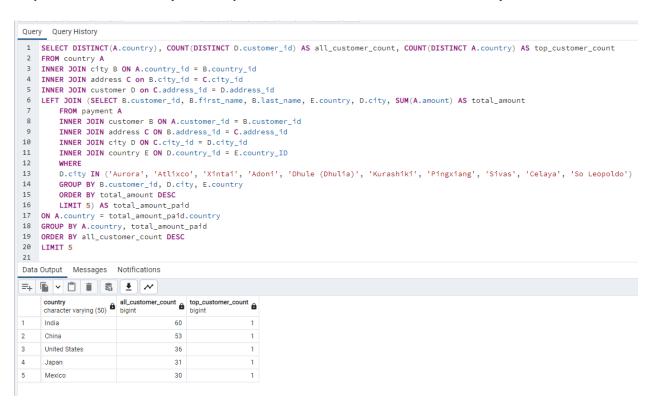
## Task 3.8 – Performing Subqueries

## Step 1: Find the average amount paid by the top 5 customers.



## Step 2: Find out how many of the top 5 customers are based within each country.



## Step 3:

- 1. Write 1 to 2 short paragraphs on the following:
  - o Do you think steps 1 and 2 could be done without using subqueries?
  - o When do you think subqueries are useful?

Step 1 could have been done without a subquery by using the HAVING clause and using aggregate functions. Step 2, however, would need subqueries as we needed data from multiple different data tables. If all the data was congregated into one giant data table, then it would not have needed subqueries.

Subqueries are very useful when we need to compare and use different data points, as well as being very good at filtering data. It is very useful when used to combine multiple steps together, as well as being able to constantly update itself. For example, instead of using one query to find out information for another query, we would be able to use the first query as a subquery for the second, allowing it to update itself constantly.