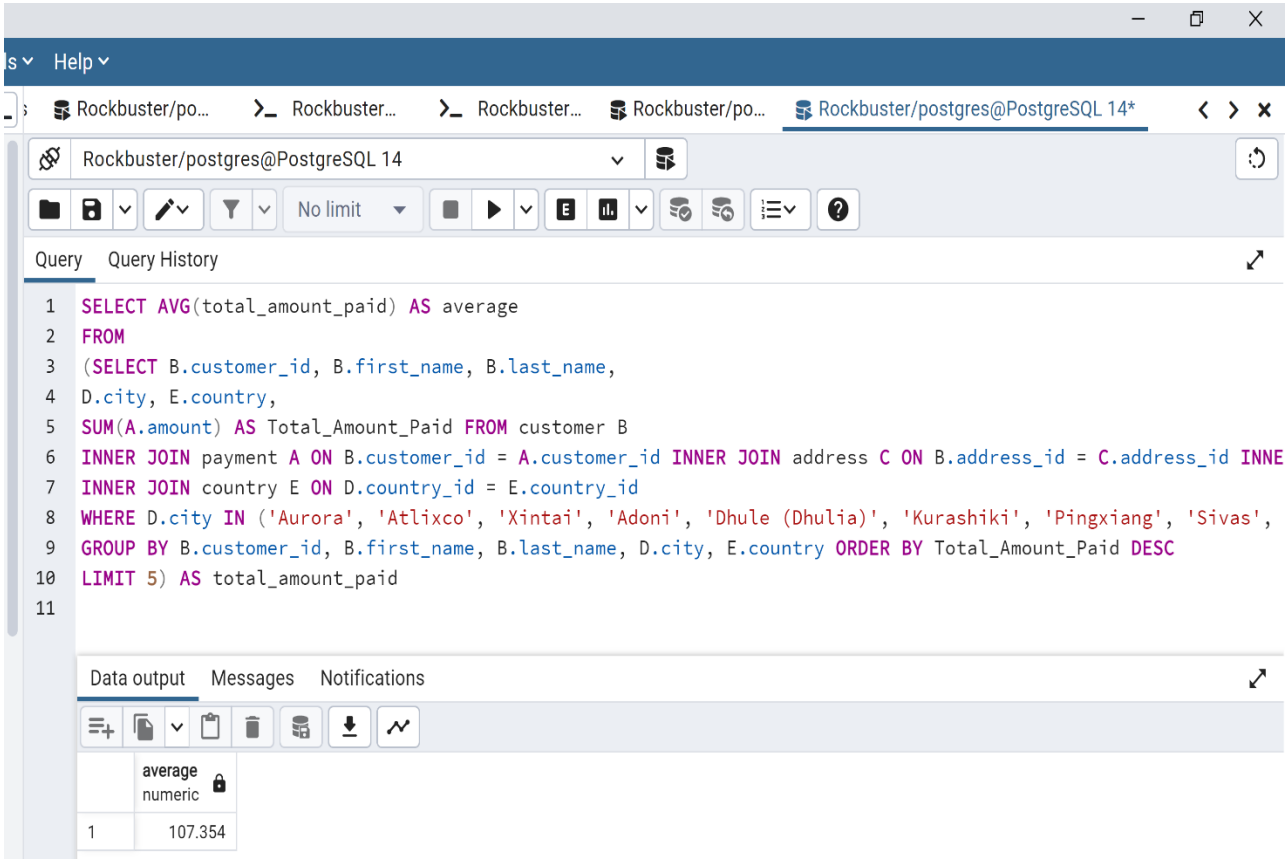
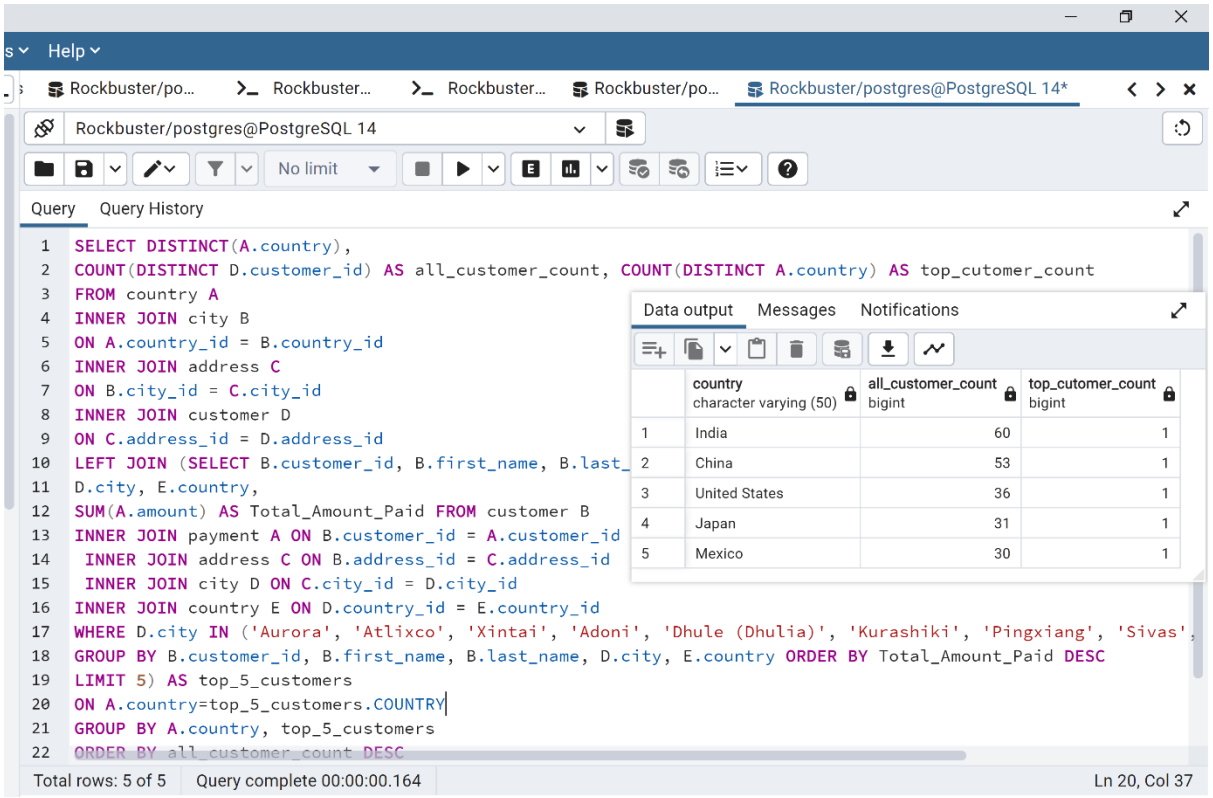
3.8: Performing Subqueries

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:

- Do you think steps 1 and 2 could be done without using subqueries?

Step 1 could have been done without a subquery by using HAVE syntax along with aggregation functions. However, step 2 needed a subquery as multiples tables and columns from databases are used to pull results from different tables.

- When do you think subqueries are useful?

Subqueries are useful where the use of INNER and OUTER functions are needed as commands for complex queries to filter out the data. Using subqueries gives enables one to compare data points, rename or make new columns within a table without affecting the original database, or when analysing a complex query.