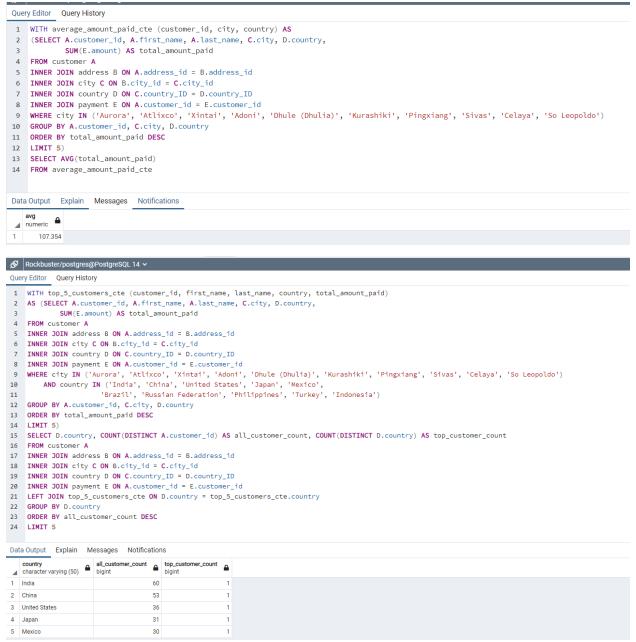
3.9: Common Table Expressions

1.



First, I defined the cte with the WITH clause and gave it a name, then using AS I added my query from previously. Then I had to write a new select statement to get the information needed.

2. I think the CTE and subquery will perform about the same when the query is small but the CTE will perform better for larger queries. The speed of the first query without the CTE is 33 msec while with the

CTE its 32 msec. The speed of the second query without the CTE is 64 msec while with the CTE its 43 msec. I was surprised by the time difference for the second query because of what it took to write the query with the CTE.

3. The challenges I faced were mainly with the second query. I had difficulty figuring out what columns I needed and writing the new SELECT statement to properly reference the temporary table.