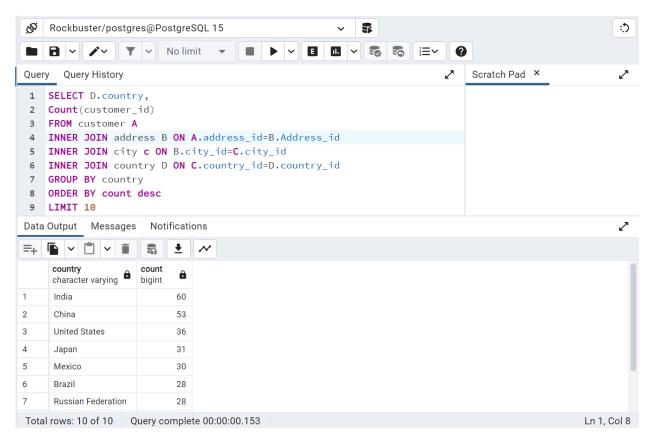
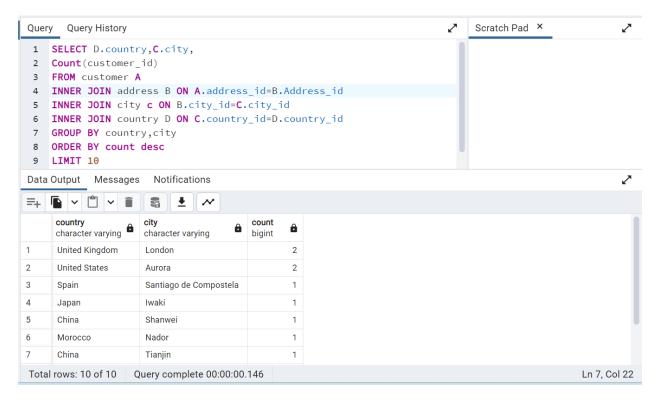
1.



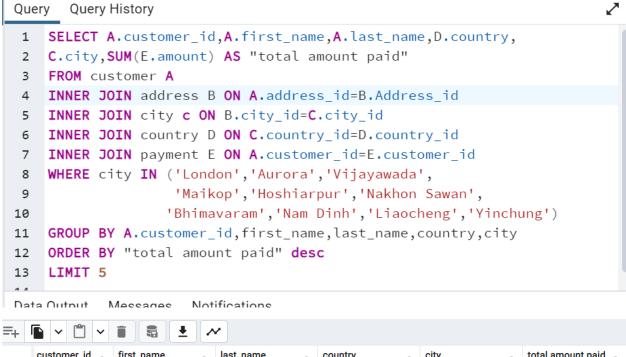
In this question I have used inner join as it is most cost effective. I have used multiple joins in this query. Required tables aren't directly connected, so I had to join the country table with the customer table, the address table with the customer table, and city table with the address table finally the city table with the country table to get the relevant information.

I have used aggregate function count for customer table and I have used Group by and order by with the limit function.



This query is very similar to first question. I have also used inner join as it is most cost effective. I have used multiple joins in this query. Required tables aren't directly connected, so I had to join the country table with the customer table, the address table with the customer table, and city table with the address table finally the city table with the country table to get the relevant information.

I have also used two column in it one is from city table and another one from country table and grouped these two together.



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	customer_id integer	first_name character varying	last_name character varying	country character varying	city character varying	total amount paid numeric
1	346	Arthur	Simpkins	Russian Federation	Maikop	145.70
2	390	Shawn	Heaton	Thailand	Nakhon Sawan	142.69
3	472	Greg	Robins	Vietnam	Nam Dinh	131.74
4	129	Carrie	Porter	China	Liaocheng	124.66
5	508	Milton	Howland	India	Vijayawada	121.77