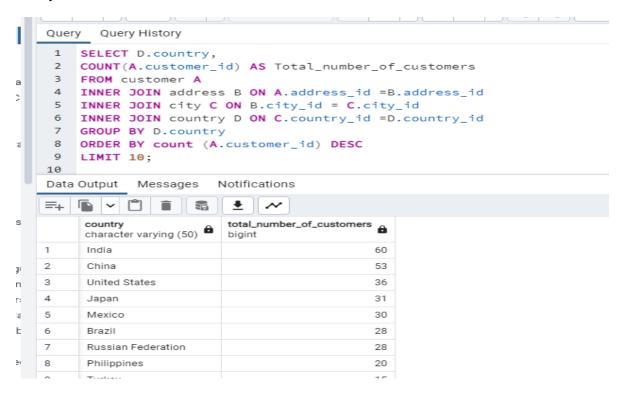
3.7 - Joining Tables of Data

Q1. Write a query to find the top 10 countries for Rockbuster in terms of customer numbers.

Answers:

Query:



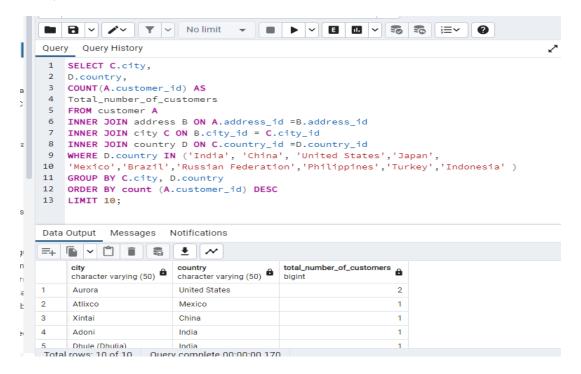
Explanation:

- 1. After reading the question, I reviewed the ERD and try to identify the relationship between tables and how can I connect them and which common keys are there.
- 2. Here, Tables are Customer, Address, City, Country. I allotted the Tables with Alphabet A to D
- 3. With the help of INNER Join function, I joined these tables and followed By GROUP BY and ORDER BY function.

Q2: Write a guery to find the top 10 cities within the top 10 countries identified in step 1.

Answers:

Query



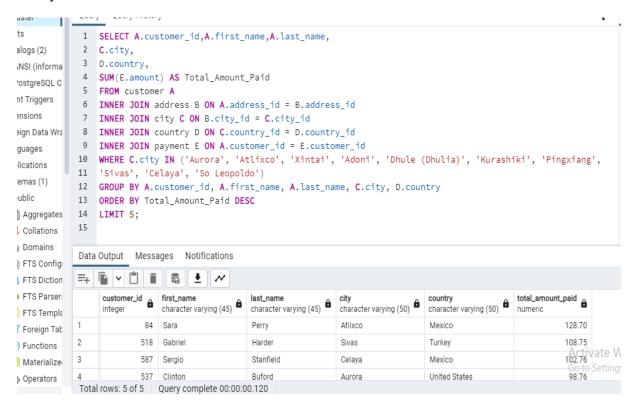
Explanation:

- 1. After reading the question, I reviewed the ERD and try to identify the relationship between tables and how can I connect them and which common keys are there.
- 2. Here, Tables are Customer, Address, City, Country. I allotted the Tables with Alphabet A to D
- With the help of INNER Join function, I joined these tables and followed by GROUP BY and ORDER BY function.
- 4. For this Query ,I also inserted WHERE Function with Operator IN to specify to see data in Which top 10 Countries .

Q3. Write a query to find the top 5 customers in the top 10 cities who have paid the highest total amounts to Rockbuster.

Answers:

Query



Explanation:

- 1. After reading the question, I reviewed the ERD and try to identify the relationship between tables and how can I connect them and which common keys are there.
- Here, Tables are Customer, Address, City, Country, Payment. I allotted the Tables with Alphabet A to E
- 3. With the help of INNER Join function, I joined these tables and followed by GROUP BY and ORDER BY function.
- 4. For this Query ,I also inserted WHERE Function with Operator IN to specify to see data in Which top 10 City the customer are paying Highest .