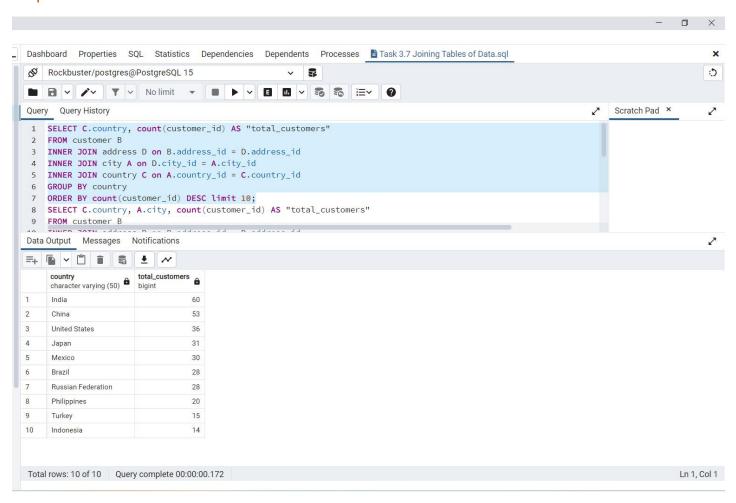
Joining Tables of Data

Step 1



SELECT C.country, count(customer_id) AS "total_customers"

FROM customer B

INNER JOIN address D on B.address_id = D.address_id

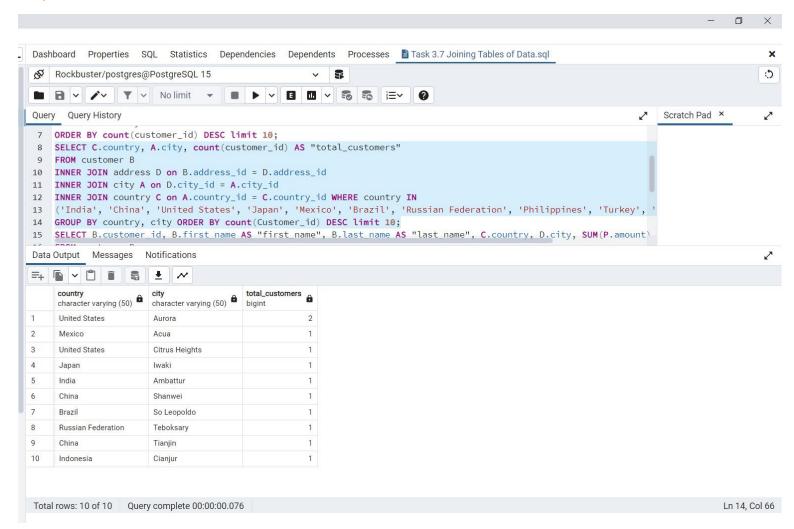
INNER JOIN city A on D.city_id = A.city_id

INNER JOIN country C on A.country_id = C.country_id

GROUP BY country

ORDER BY count(customer_id) DESC limit 10;

Step 2



SELECT C.country, A.city, count(customer_id) AS "total_customers"

FROM customer B

INNER JOIN address D on B.address_id = D.address_id

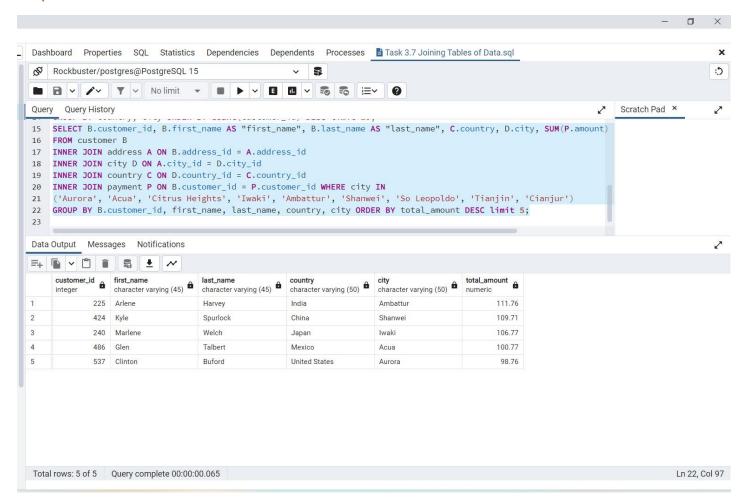
INNER JOIN city A on D.city_id = A.city_id

INNER JOIN country C on A.country id = C.country id WHERE country IN

('India', 'China', 'United States', 'Japan', 'Mexico', 'Brazil', 'Russian Federation', 'Philippines', 'Turkey', 'Indonesia')

GROUP BY country, city ORDER BY count(Customer_id) DESC limit 10;

Step 3



SELECT B.customer id, B.first name AS "first name", B.last name AS "last name", C.country, D.city, SUM(P.amount) AS "total amount"

FROM customer B

INNER JOIN address A ON B.address id = A.address id

INNER JOIN city D ON A.city id = D.city id

INNER JOIN country C ON D.country_id = C.country_id

INNER JOIN payment P ON B.customer_id = P.customer_id WHERE city IN

('Aurora', 'Acua', 'Citrus Heights', 'Iwaki', 'Ambattur', 'Shanwei', 'So Leopoldo', 'Tianjin', 'Cianjur')

GROUP BY B.customer id, first name, last name, country, city ORDER BY total amount DESC limit 5;