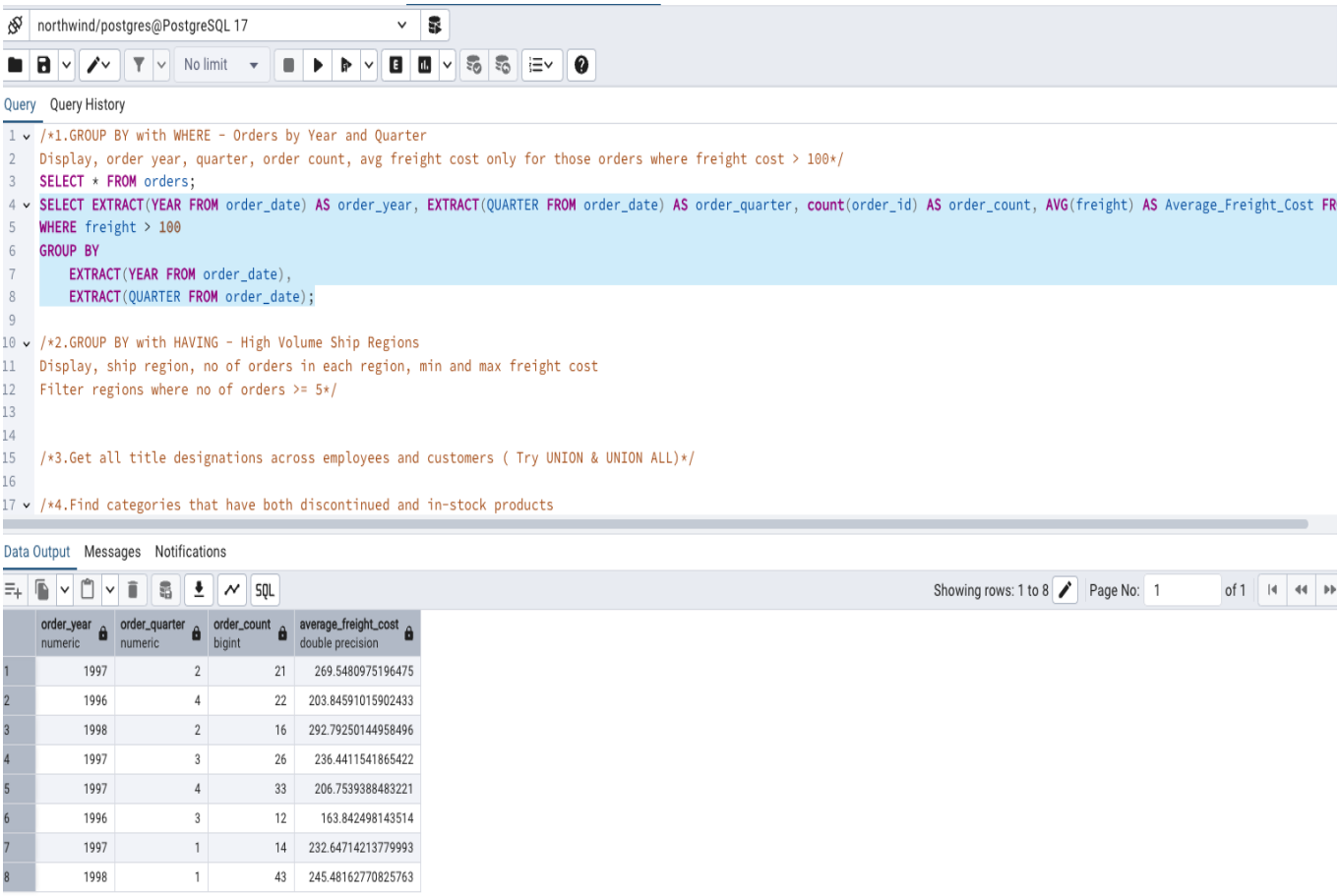
1. GROUP BY with WHERE - Orders by Year and Quarter

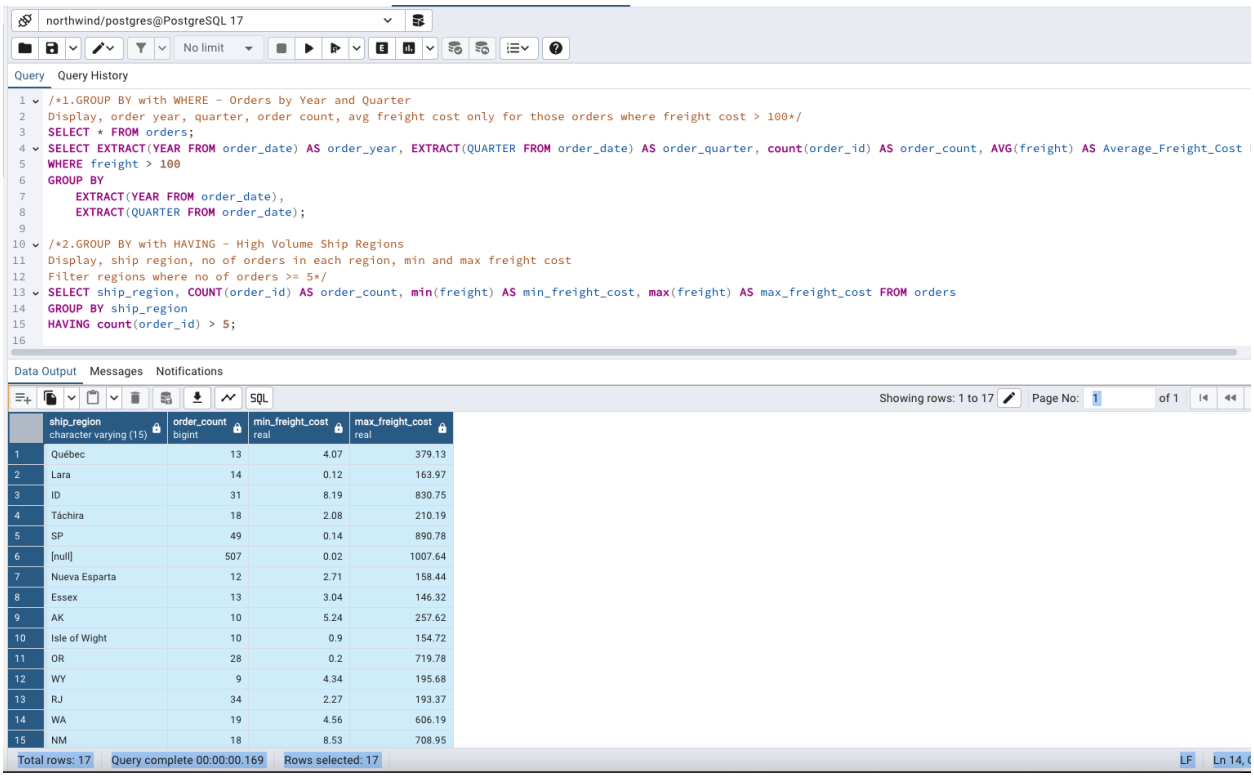
Display, order year, quarter, order count, avg freight cost only for those orders where freight cost > 100



	order_year numeric	order_quarter numeric	order_count bigint	average_freight_cost double precision
1	1997	2	21	269.5480975196475
2	1996	4	22	203.84591015902433
3	1998	2	16	292.79250144958496
4	1997	3	26	236.4411541865422
5	1997	4	33	206.7539388483221
6	1996	3	12	163.842498143514
7	1997	1	14	232.64714213779993
8	1998	1	43	245.48162770825763

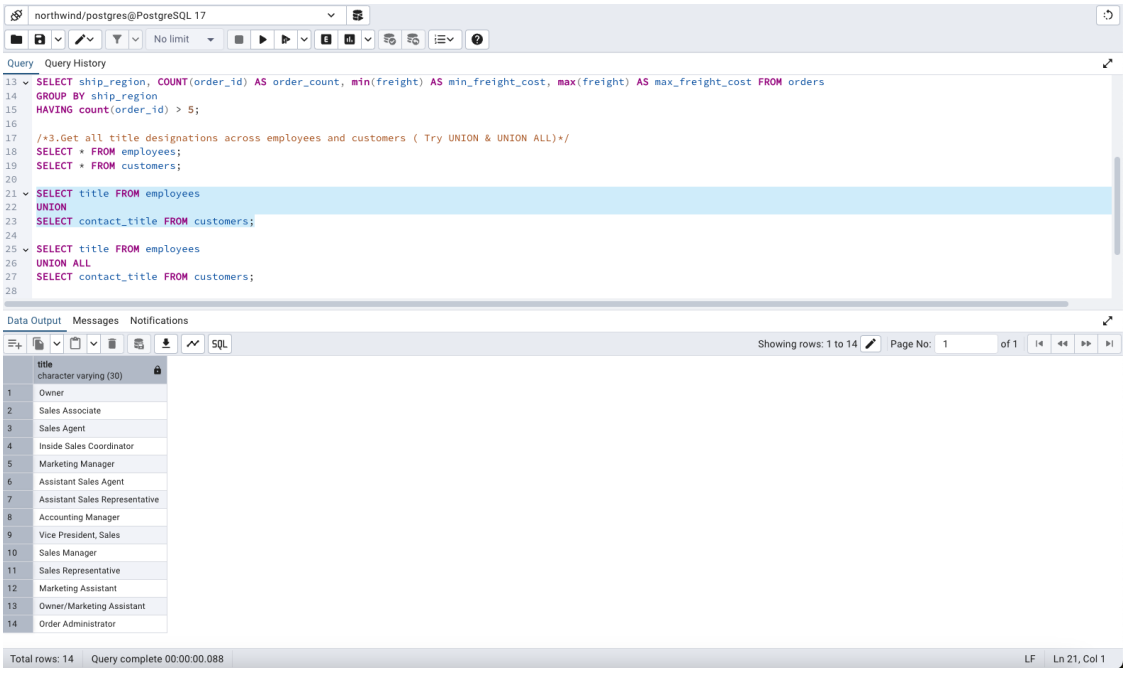
2. GROUP BY with HAVING - High Volume Ship Regions

Display, ship region, no of orders in each region, min and max freight cost
Filter regions where no of orders >= 5

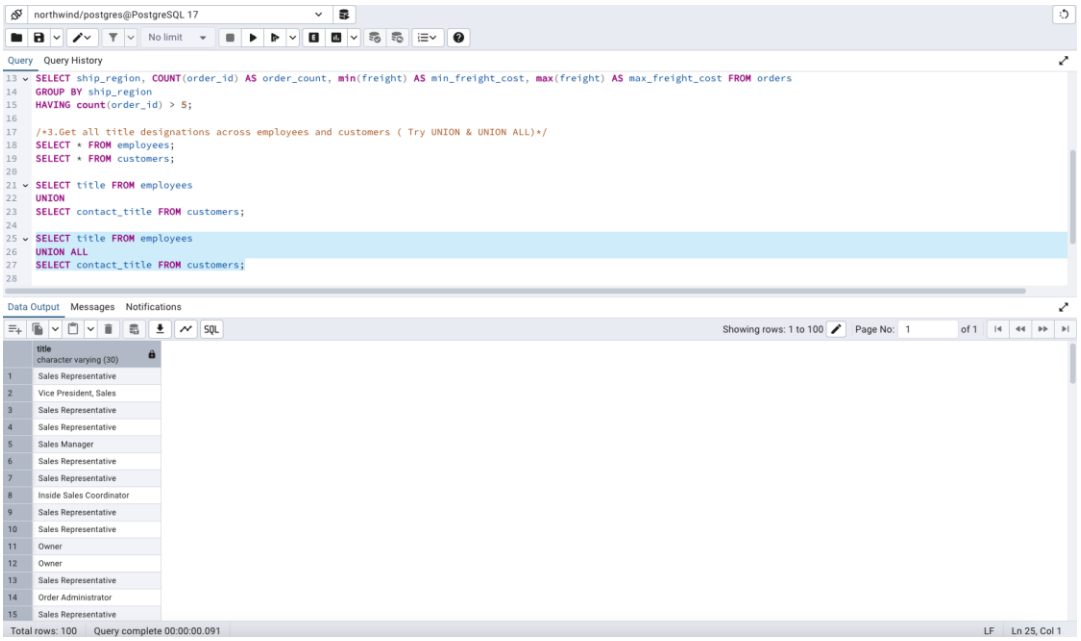


3. Get all title designations across employees and customers (Try UNION & UNION ALL)

UNION:

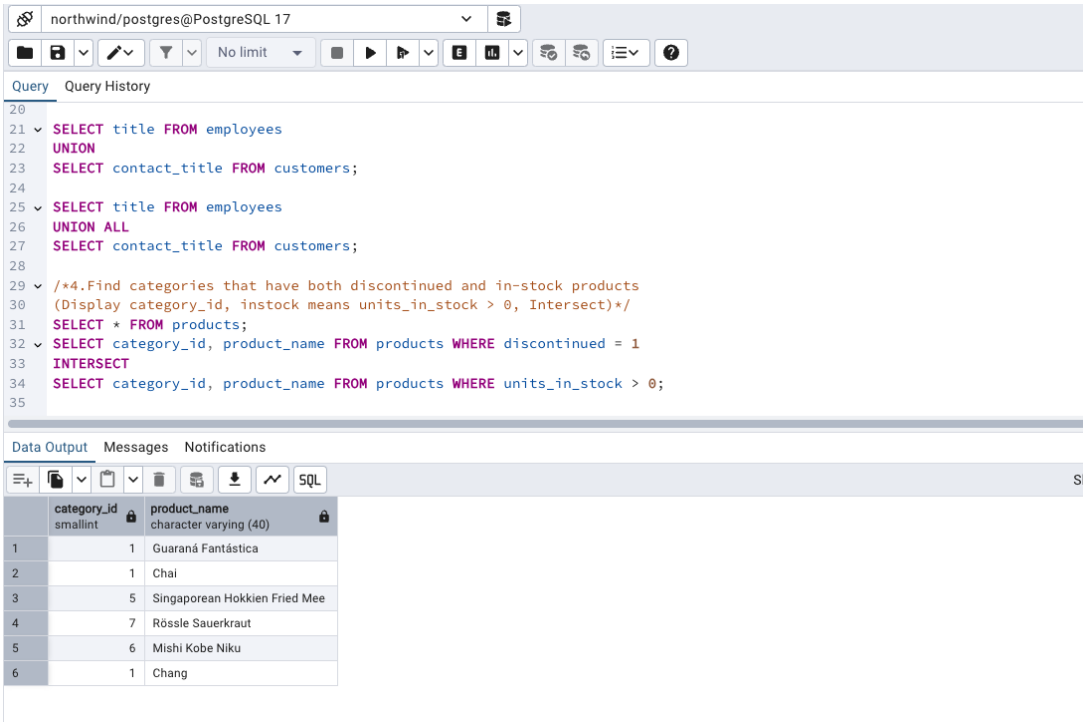


UNION ALL:

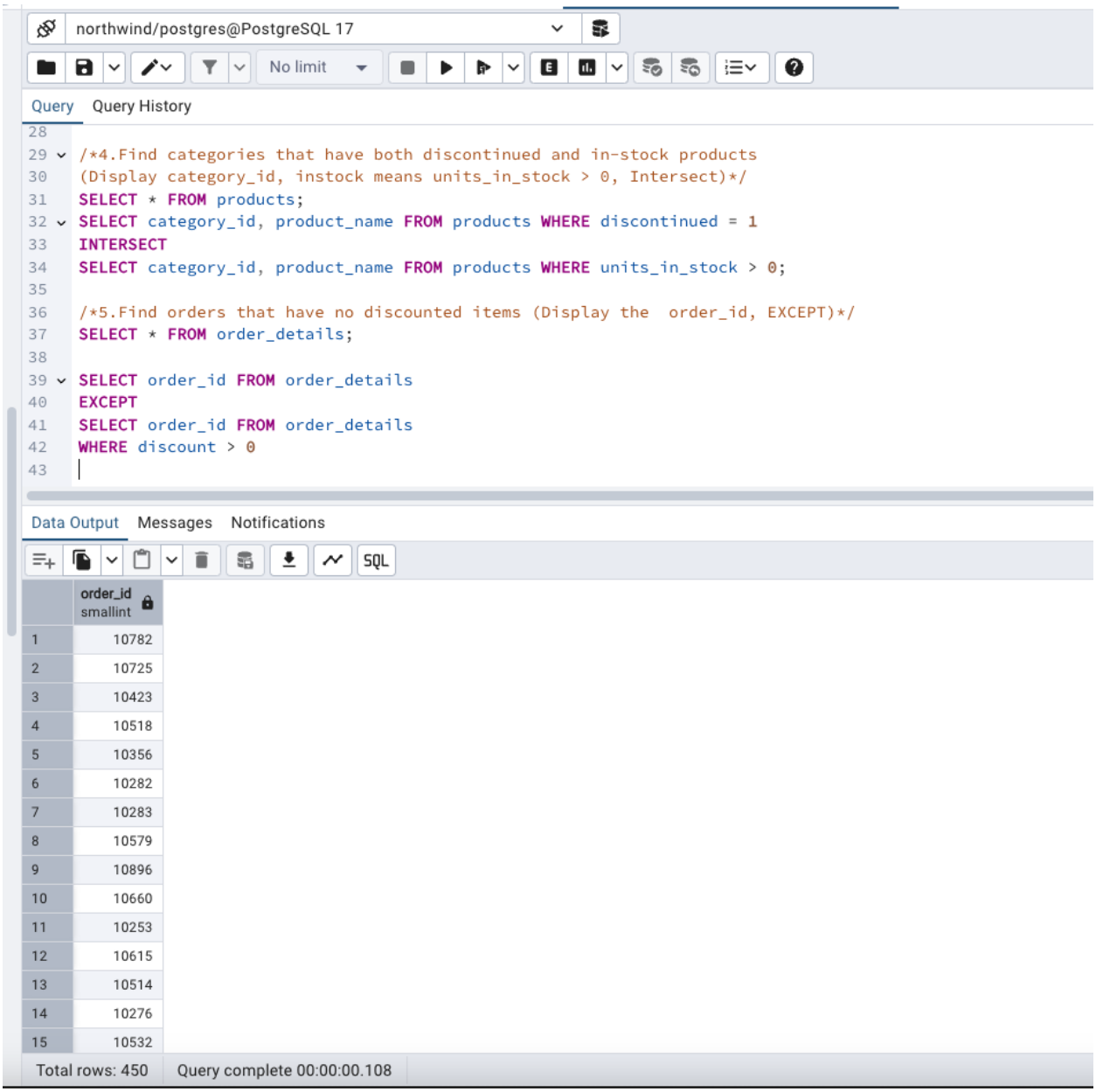


4. Find categories that have both discontinued and in-stock products

   (Display category_id, instock means units_in_stock > 0, Intersect)



5. Find orders that have no discounted items (Display the order_id, EXCEPT)


northwind/postgres@PostgreSQL 17
No limit
Query
Query History
28
29 /*4.Find categories that have both discontinued and in-stock products
30 (Display category_id, instock means units_in_stock > 0, Intersect)*/
31 SELECT * FROM products;
32 SELECT category_id, product_name FROM products WHERE discontinued = 1
33 INTERSECT
34 SELECT category_id, product_name FROM products WHERE units_in_stock > 0;
35
36 /*5.Find orders that have no discounted items (Display the order_id, EXCEPT)*/
37 SELECT * FROM order_details;
38
39 SELECT order_id FROM order_details
40 EXCEPT
41 SELECT order_id FROM order_details
42 WHERE discount > 0
43
Data Output
Messages
Notifications
SQL
order_id
smallint
1 10782
2 10725
3 10423
4 10518
5 10356
6 10282
7 10283
8 10579
9 10896
10 10660
11 10253
12 10615
13 10514
14 10276
15 10532
Total rows: 450
Query complete 00:00:00.108