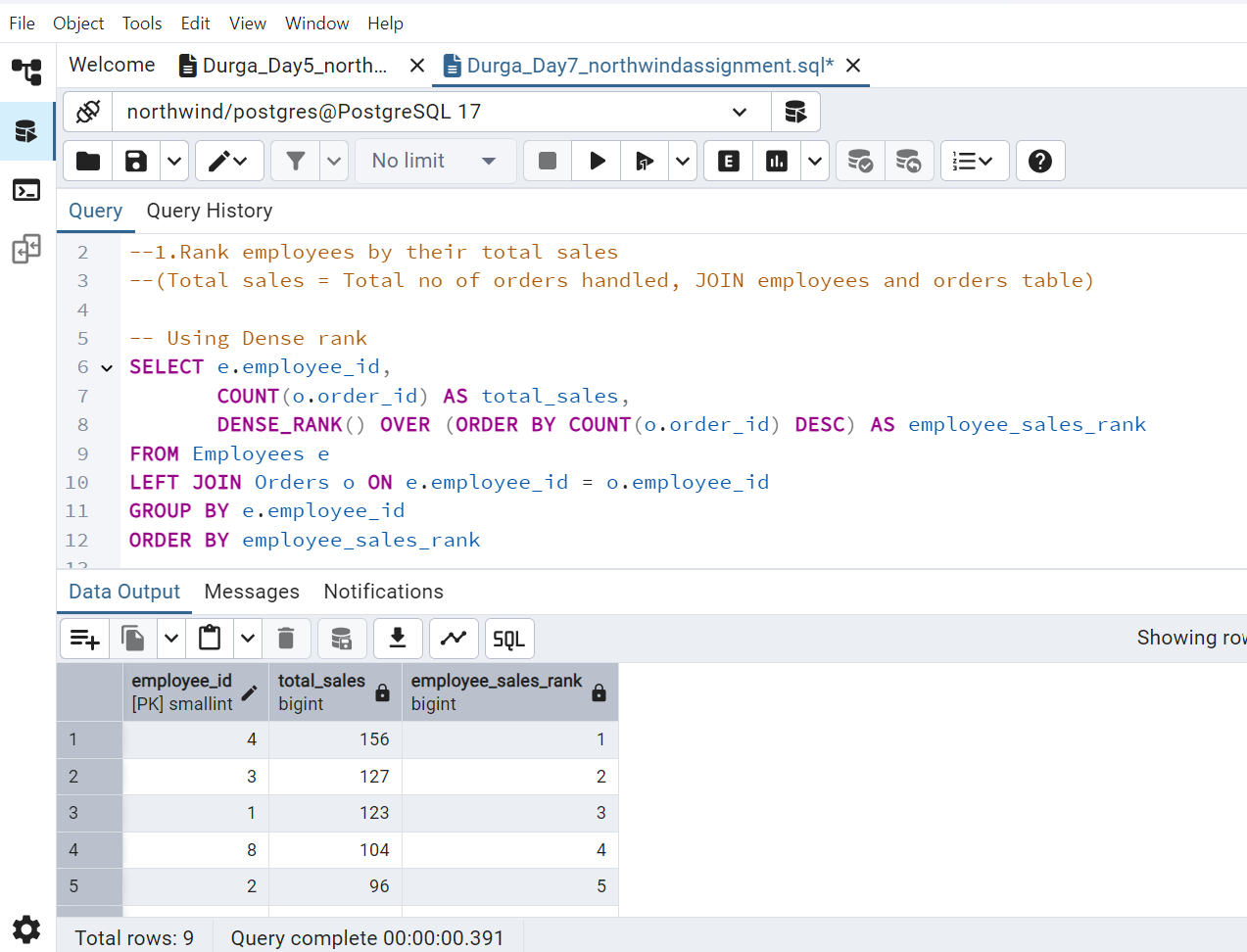
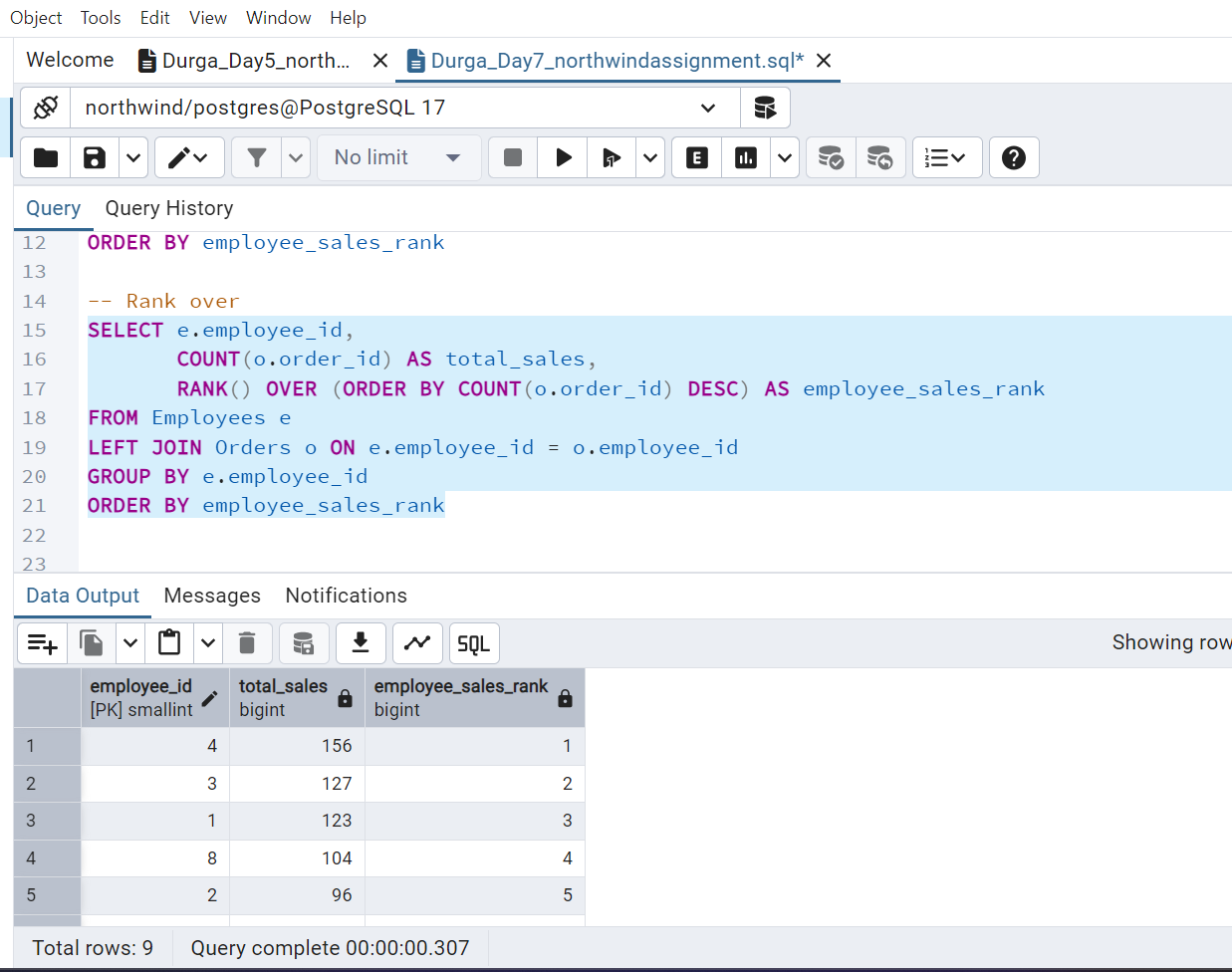
**Day 7**

1.     Rank employees by their total sales

(Total sales = Total no of orders handled, JOIN employees and orders table)

Used both Dense \_rank and rank. Since there is no identical total sales value both dense\_rank and rank gives the same output.



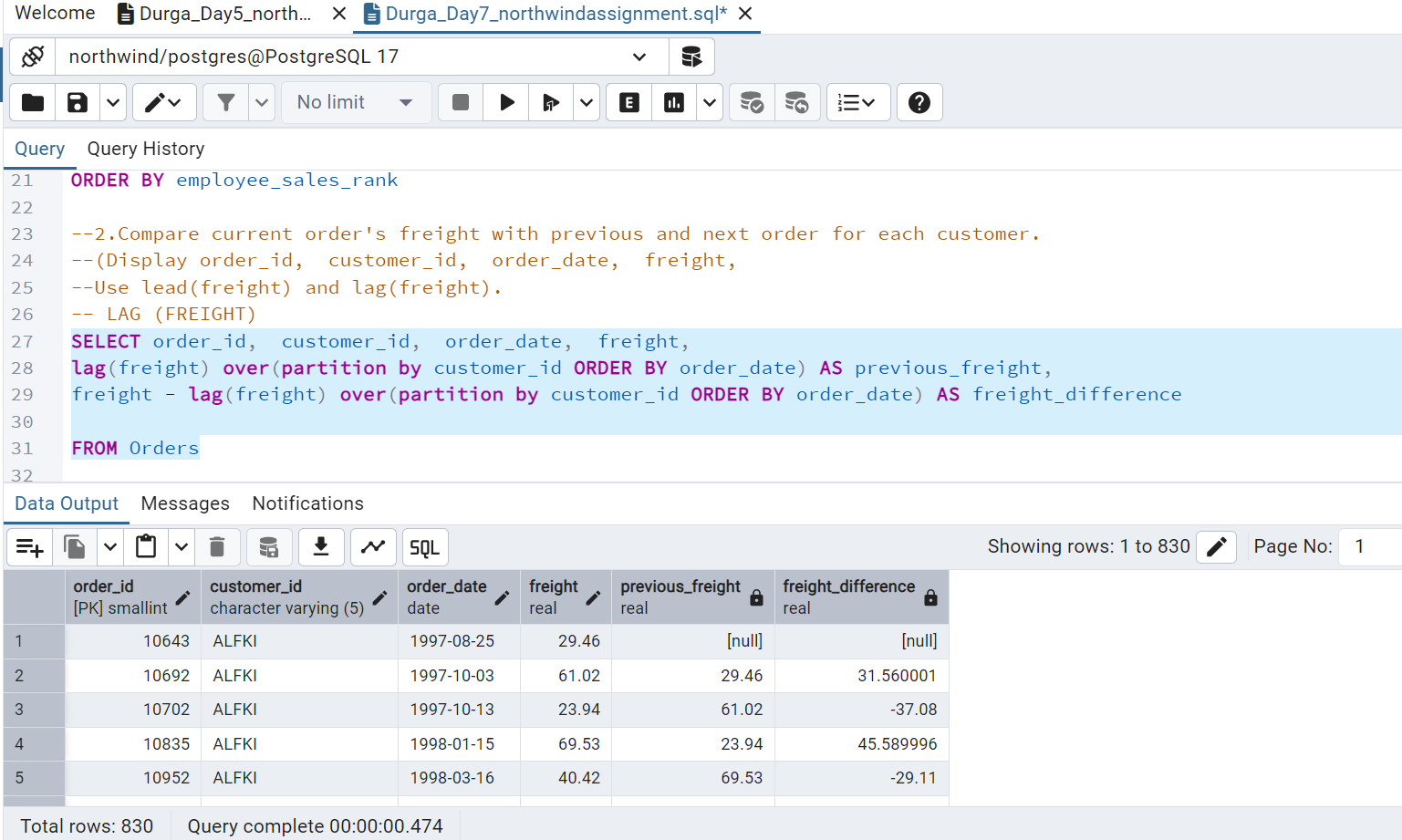


2.      Compare current order's freight with previous and next order for each customer.

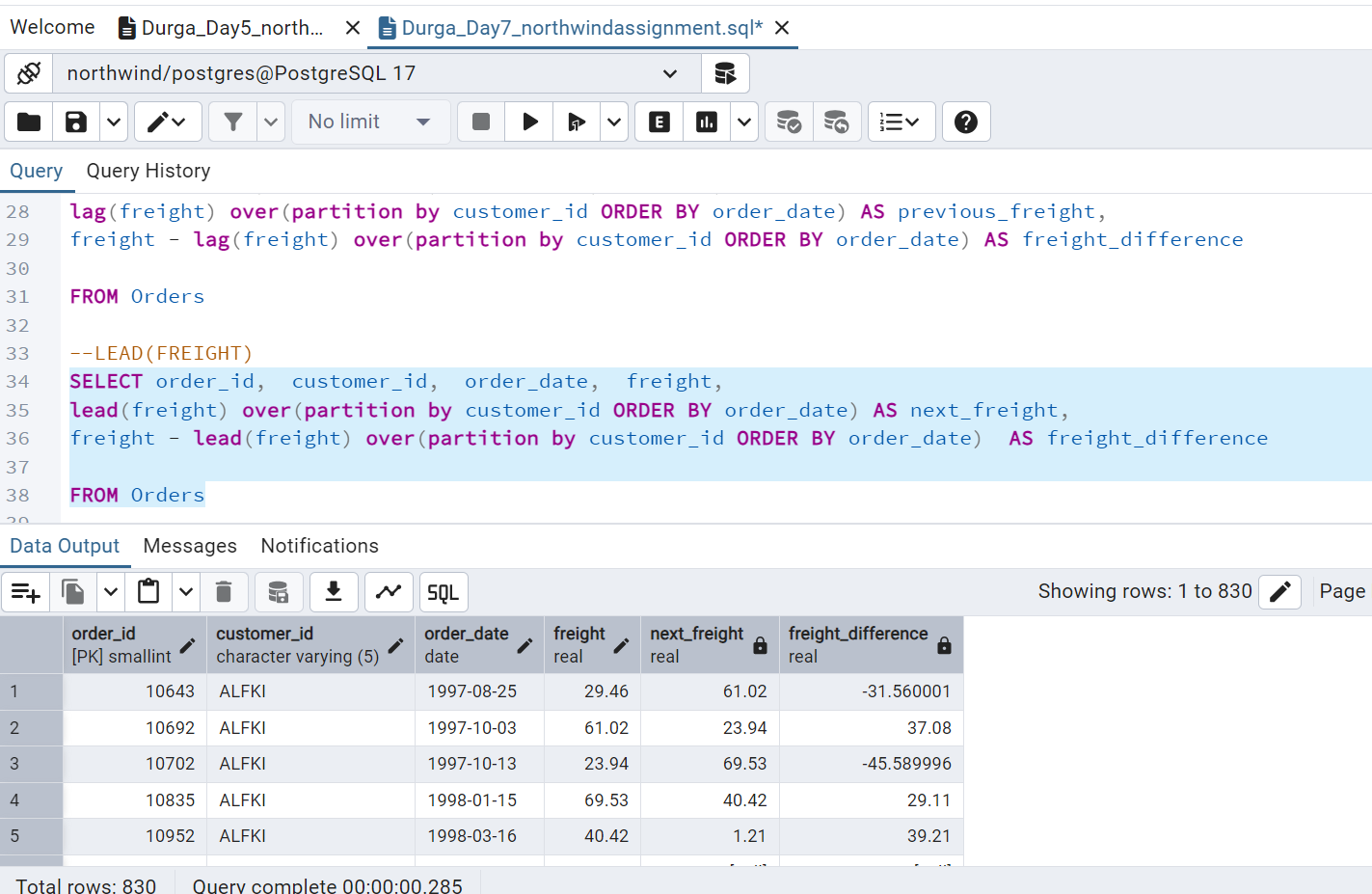
(Display order\_id,  customer\_id,  order\_date,  freight,

Use lead(freight) and lag(freight).

LAG: Freight difference between current and previous freight value



LEAD: Freight difference between current and next freight value



3.     Show products and their price categories, product count in each category, avg price:

         (HINT:

·  Create a CTE which should have price\_category definition:

         WHEN unit\_price < 20 THEN 'Low Price'

            WHEN unit\_price < 50 THEN 'Medium Price'

            ELSE 'High Price'

·  In the main query display: price\_category,  product\_count in each price\_category,  ROUND(AVG(unit\_price)::numeric, 2) as avg\_price)

