**DAY 6 SQL ASSIGNMENT**

**1.Categorize products by stock status**

(Display product\_name, a new column stock\_status whose values are based on below condition) (units\_in\_stock = 0 is 'Out of Stock' units\_in\_stock < 20 is 'Low Stock')

SELECT

PRODUCT\_NAME,

CASE

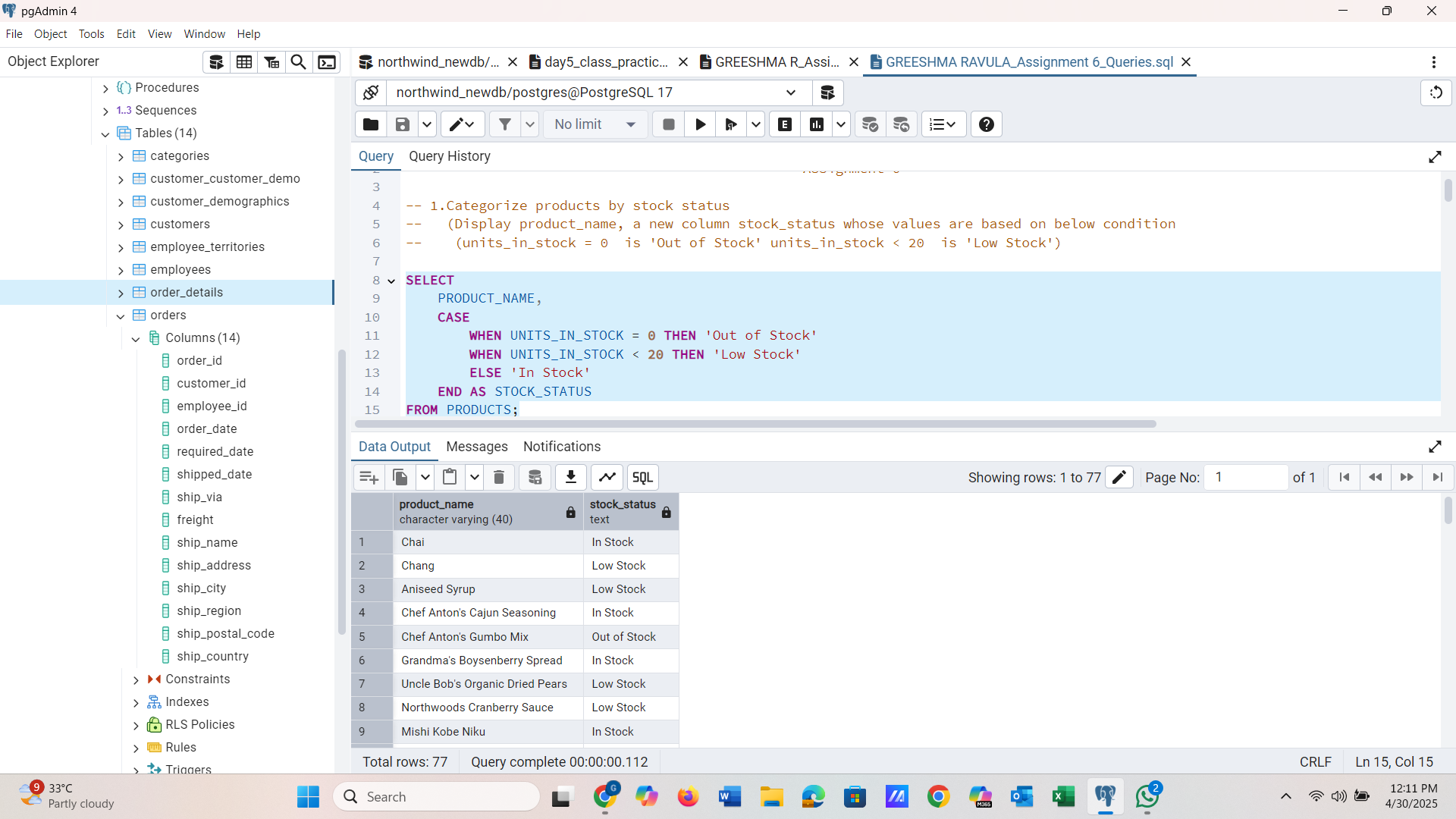
WHEN UNITS\_IN\_STOCK = 0 THEN 'Out of Stock'

WHEN UNITS\_IN\_STOCK < 20 THEN 'Low Stock'

ELSE 'In Stock'

END AS STOCK\_STATUS

FROM PRODUCTS;



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**2.Find All Products in Beverages Category**  (Subquery, Display product\_name,unitprice)

SELECT

PRODUCT\_NAME,

UNIT\_PRICE

FROM

PRODUCTS

WHERE

CATEGORY\_ID = (

SELECT

CATEGORY\_ID

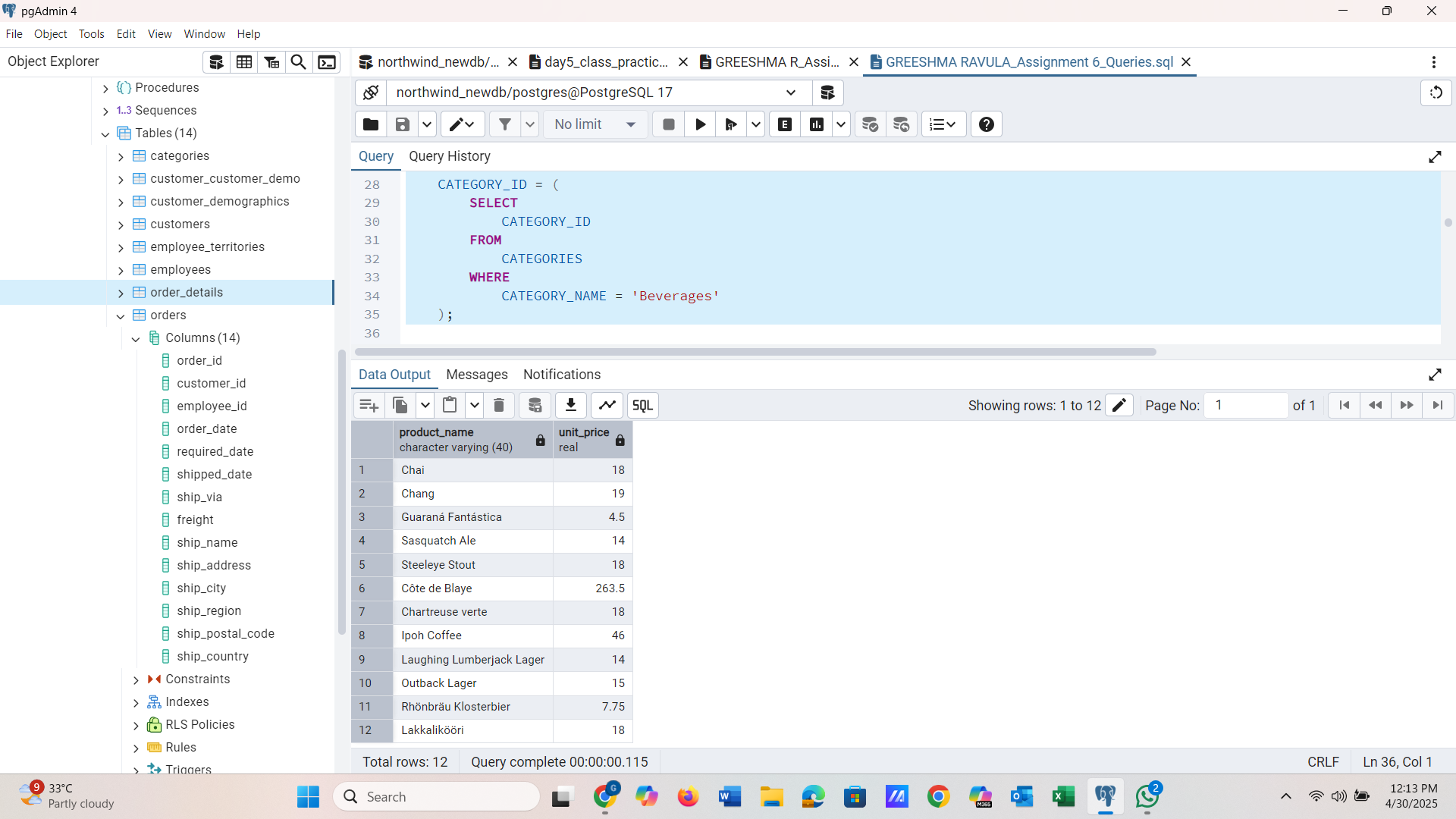
FROM

CATEGORIES

WHERE

CATEGORY\_NAME = 'Beverages'

);



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**3.Find Orders by Employee with Most Sales**

(Display order\_id, order\_date, freight, employee\_id.

Employee with Most Sales=Get the total no.of of orders for each employee then order by DESC and limit 1. Use Subquery)

SELECT

ORDER\_ID,

ORDER\_DATE,

FREIGHT,

EMPLOYEE\_ID

FROM

ORDERS

WHERE

EMPLOYEE\_ID = (

SELECT

EMPLOYEE\_ID

FROM

ORDERS

GROUP BY

EMPLOYEE\_ID

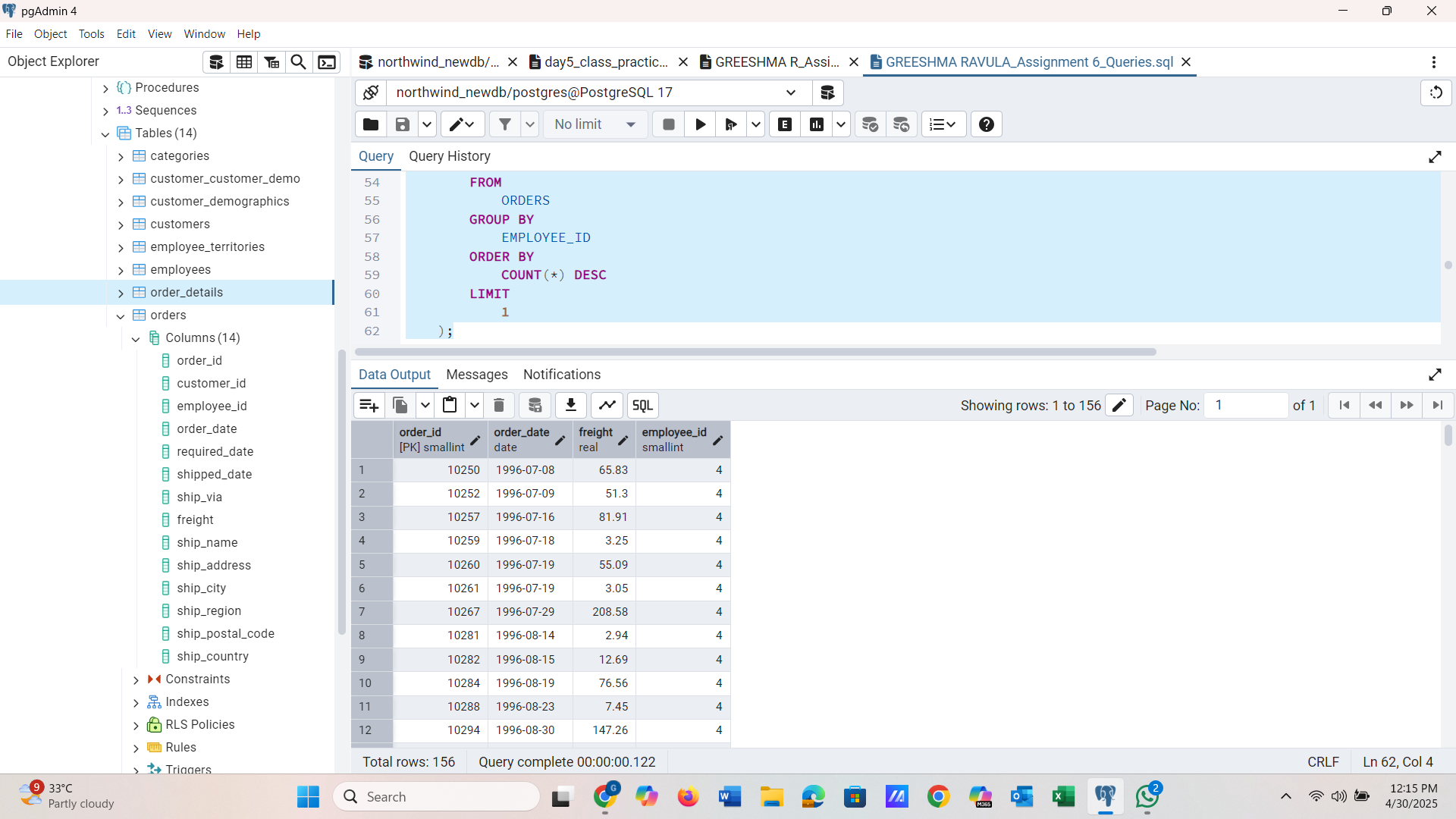
ORDER BY

COUNT(\*) DESC

LIMIT

1

);



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**--4.Find orders where for country!= ‘USA’ with freight costs higher than any order from USA.**  (Subquery, Try with ANY, ALL operators)

**Any**

SELECT

ORDER\_ID,

CUSTOMER\_ID,

FREIGHT,

SHIP\_COUNTRY

FROM

ORDERS

WHERE

SHIP\_COUNTRY != 'USA'

AND FREIGHT > ANY (

SELECT

FREIGHT

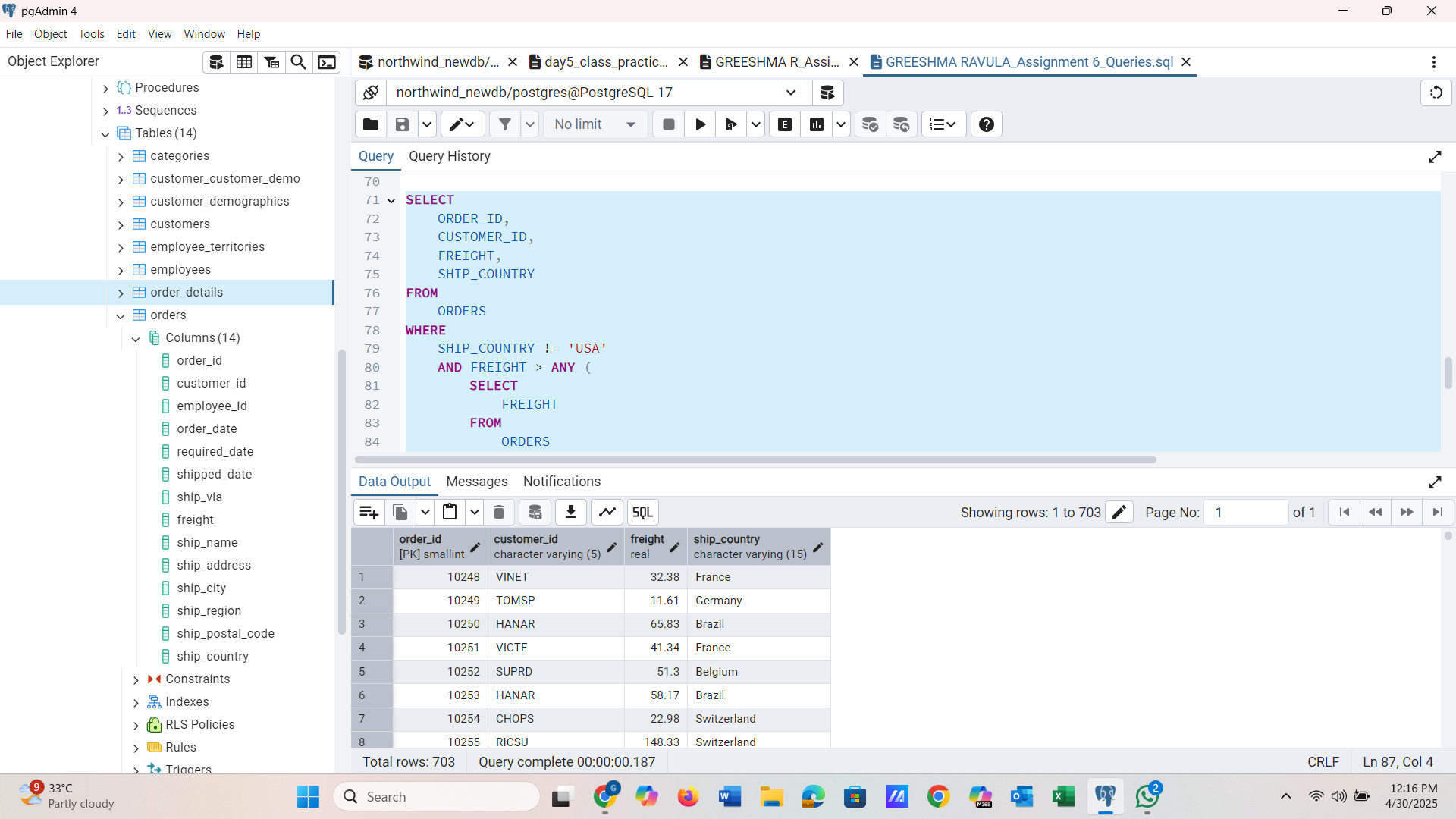
FROM

ORDERS

WHERE

SHIP\_COUNTRY = 'USA'

);



**ALL**

SELECT

ORDER\_ID,

CUSTOMER\_ID,

FREIGHT,

SHIP\_COUNTRY

FROM

ORDERS

WHERE

SHIP\_COUNTRY != 'USA'

AND FREIGHT > ALL (

SELECT

FREIGHT

FROM

ORDERS

WHERE

SHIP\_COUNTRY = 'USA'

);

