DAY 6 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,

UNITS\_IN\_STOCK,

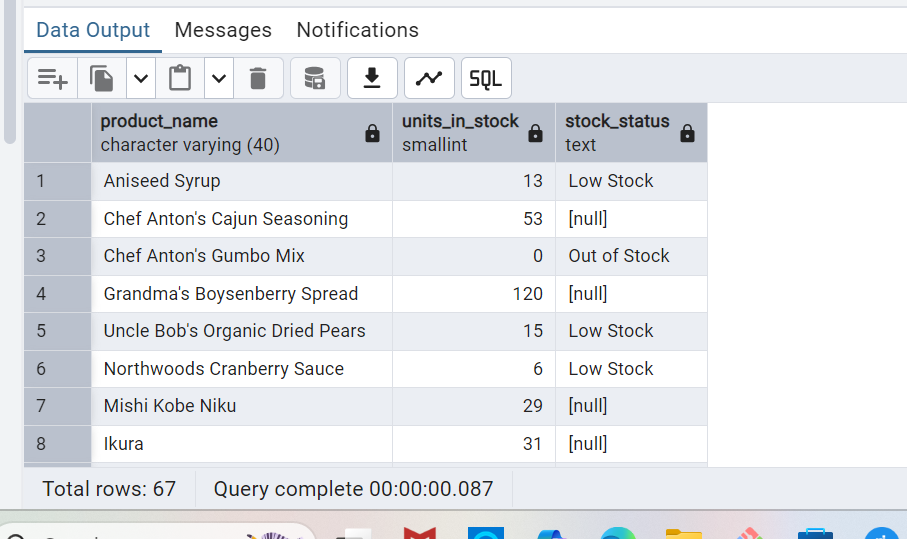
CASE

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

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

END AS STOCK\_STATUS

FROM PRODUCTS;



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

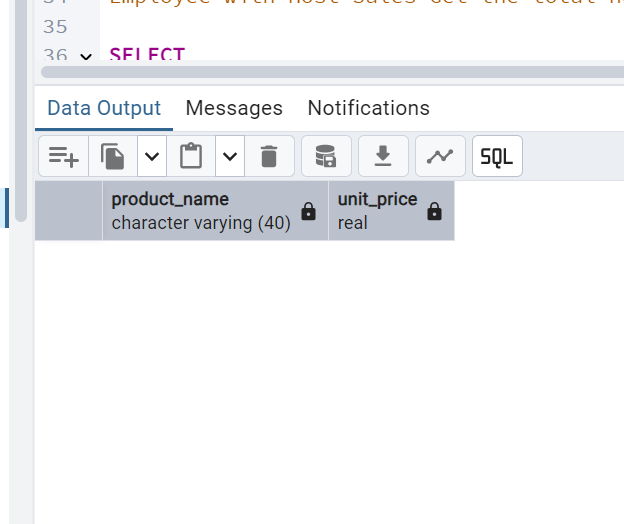
FROM

CATEGORIES

WHERE

CATEGORY\_NAME = 'Beverages'

);



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 IN (

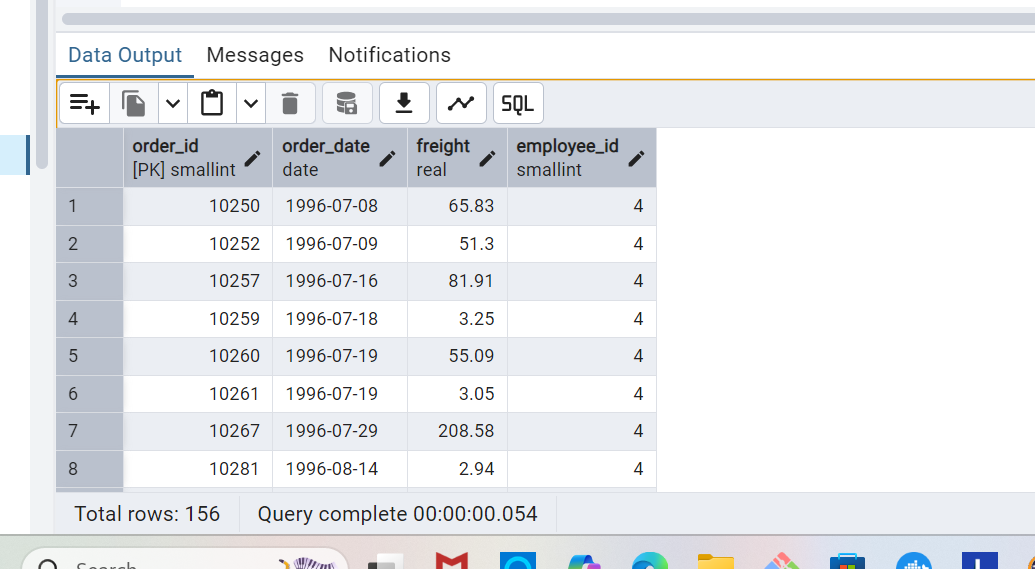
SELECT employee\_id

FROM orders

Group BY employee\_id

ORDER BY count(order\_id) DESC

LIMIT 1 );



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

**----- ANY operator ----**

**SELECT ORDER\_ID, SHIP\_COUNTRY, FREIGHT**

**FROM ORDERS**

**WHERE SHIP\_COUNTRY != 'USA'**

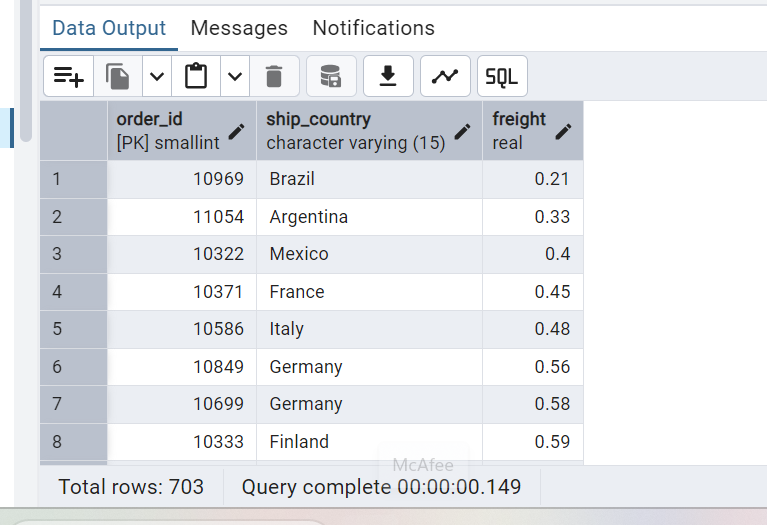
**AND FREIGHT > ANY (**

**SELECT FREIGHT**

**FROM ORDERS**

**WHERE SHIP\_COUNTRY = 'USA' )**

**ORDER BY FREIGHT;**

****

**------ ALL operator ----**

**SELECT ORDER\_ID, SHIP\_COUNTRY, FREIGHT**

**FROM ORDERS**

**WHERE SHIP\_COUNTRY != 'USA'**

**AND FREIGHT > ALL (SELECT FREIGHT**

**FROM ORDERS**

**WHERE SHIP\_COUNTRY = 'USA' )**

**ORDER BY FREIGHT;**

