--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

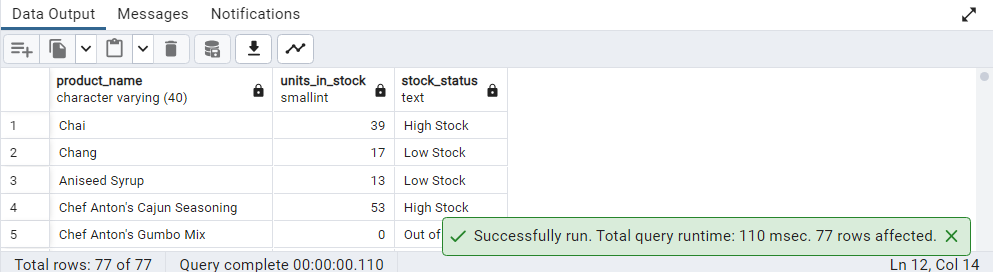
WHEN UNITS\_IN\_STOCK = 0 THEN 'Out of Stock'

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

ELSE 'High Stock'

END AS STOCK\_STATUS

FROM PRODUCTS



--2.Find All Products in Beverages Category

--(Subquery, Display product\_name,unitprice)

SELECT PRODUCT\_NAME,

UNIT\_PRICE

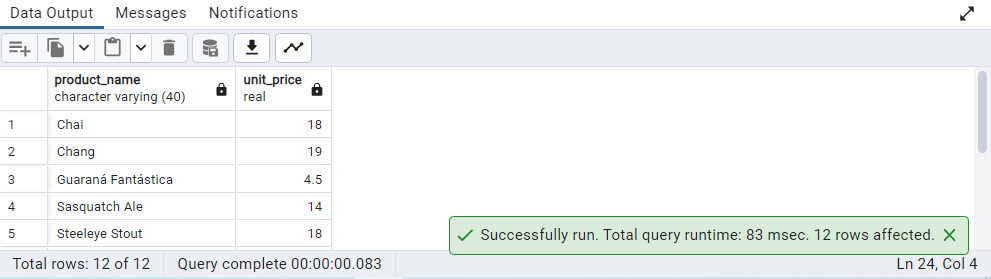
FROM PRODUCTS

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 =

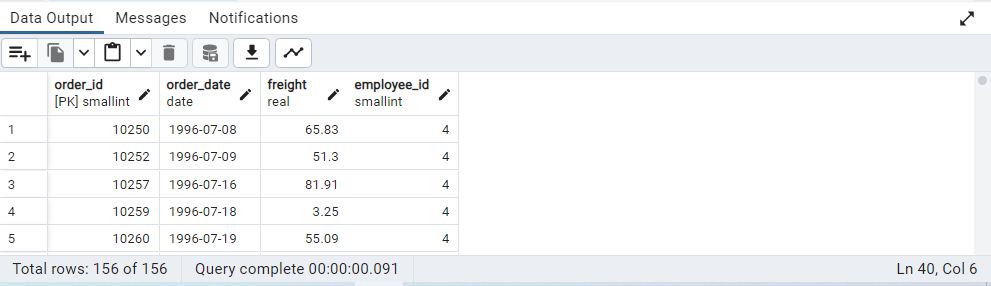
(SELECT EMPLOYEE\_ID

FROM ORDERS

GROUP BY EMPLOYEE\_ID

ORDER BY COUNT (\*) 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

SELECT ORDER\_ID

FROM ORDERS

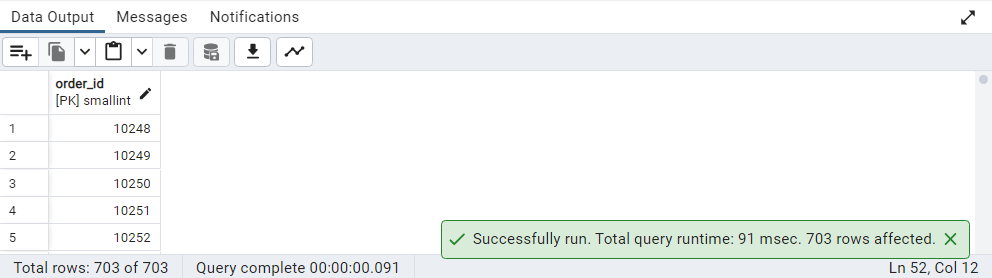
WHERE SHIP\_COUNTRY != 'USA'

AND FREIGHT > ANY

(SELECT FREIGHT

FROM ORDERS

WHERE SHIP\_COUNTRY = 'USA')



--Sub Query

SELECT ORDER\_ID

FROM ORDERS

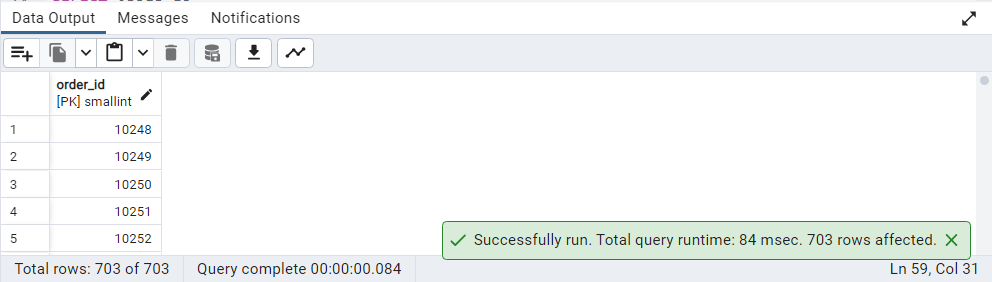
WHERE SHIP\_COUNTRY != 'USA'

AND FREIGHT >

(SELECT MIN(FREIGHT)

FROM ORDERS

WHERE SHIP\_COUNTRY = 'USA')



--ALL

SELECT ORDER\_ID

FROM ORDERS

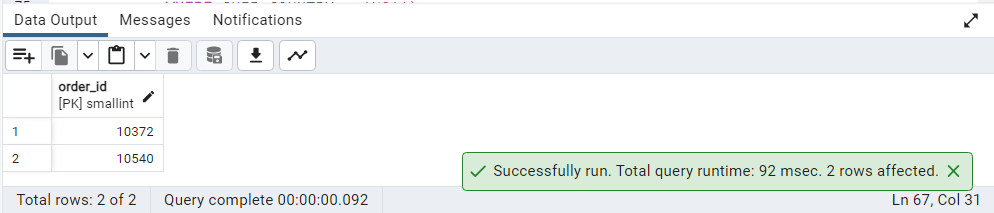
WHERE SHIP\_COUNTRY != 'USA'

AND FREIGHT > ALL

(SELECT FREIGHT

FROM ORDERS

WHERE SHIP\_COUNTRY = 'USA')



--Sub Query

SELECT ORDER\_ID

FROM ORDERS

WHERE SHIP\_COUNTRY != 'USA'

AND FREIGHT >

(SELECT MAX(FREIGHT)

FROM ORDERS

WHERE SHIP\_COUNTRY = 'USA')

