Day6\_PavithraMani\_SDET177

-- 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'

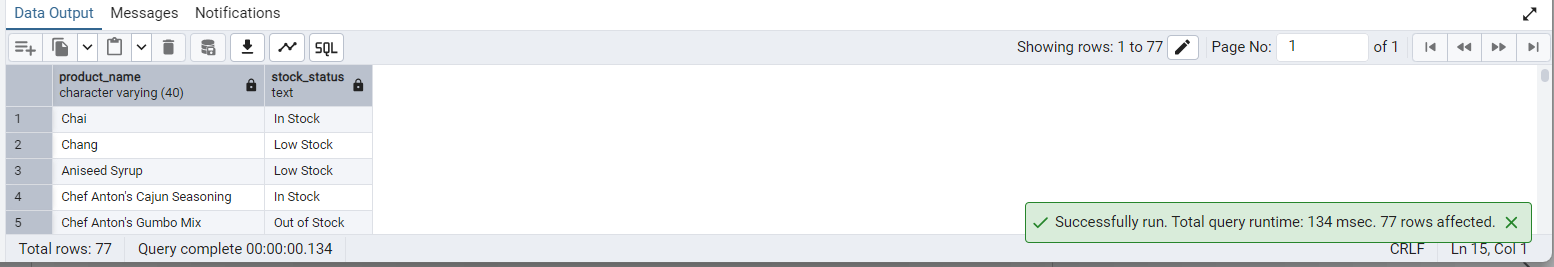
ELSE 'In Stock'

END AS stock\_status

FROM

Products;

### OUTPUT



-- 2. Find All Products in Beverages Category

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

SELECT

product\_name,

unit\_price

FROM

products

WHERE

category\_id = (

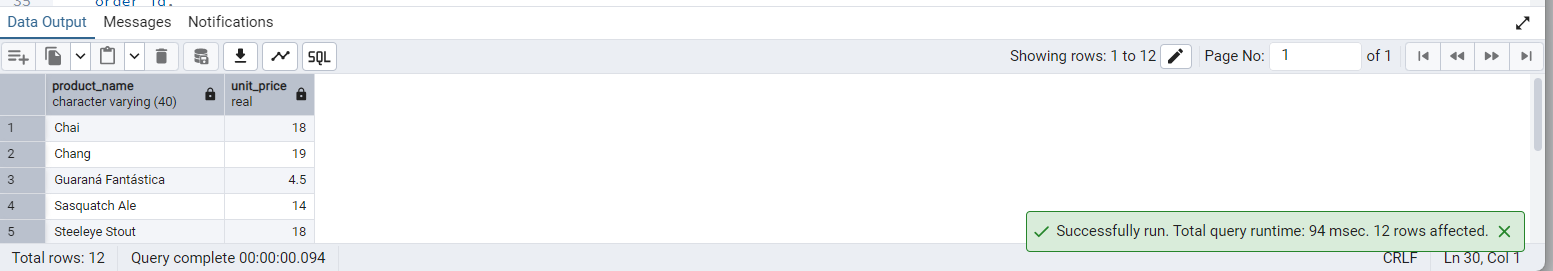
SELECT category\_id

FROM categories

WHERE category\_name = 'Beverages'

);

### OUTPUT



-- 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

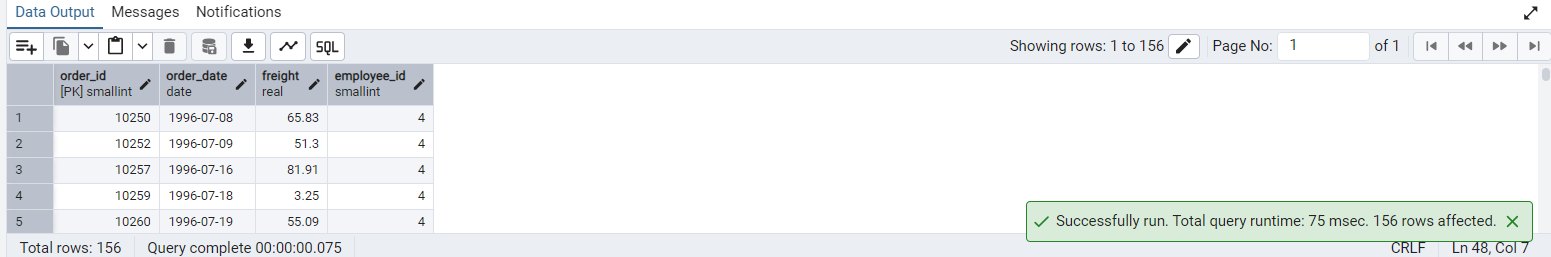
GROUP BY employee\_id

ORDER BY COUNT(order\_id) DESC

LIMIT 1

);

### OUTPUT



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

SELECT

order\_id,

order\_date,

freight,

ship\_country,

CASE

WHEN freight > ALL (

SELECT freight FROM orders WHERE ship\_country = 'USA'

) THEN 'Higher than ALL USA orders'

WHEN freight > ANY (

SELECT freight FROM orders WHERE ship\_country = 'USA'

) THEN 'Higher than SOME USA orders'

ELSE 'Not higher'

END AS freight\_comparison

FROM

orders

WHERE

ship\_country != 'USA'

AND freight > (

SELECT MIN(freight) FROM orders WHERE ship\_country = 'USA'

);

### OUTPUT

