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,

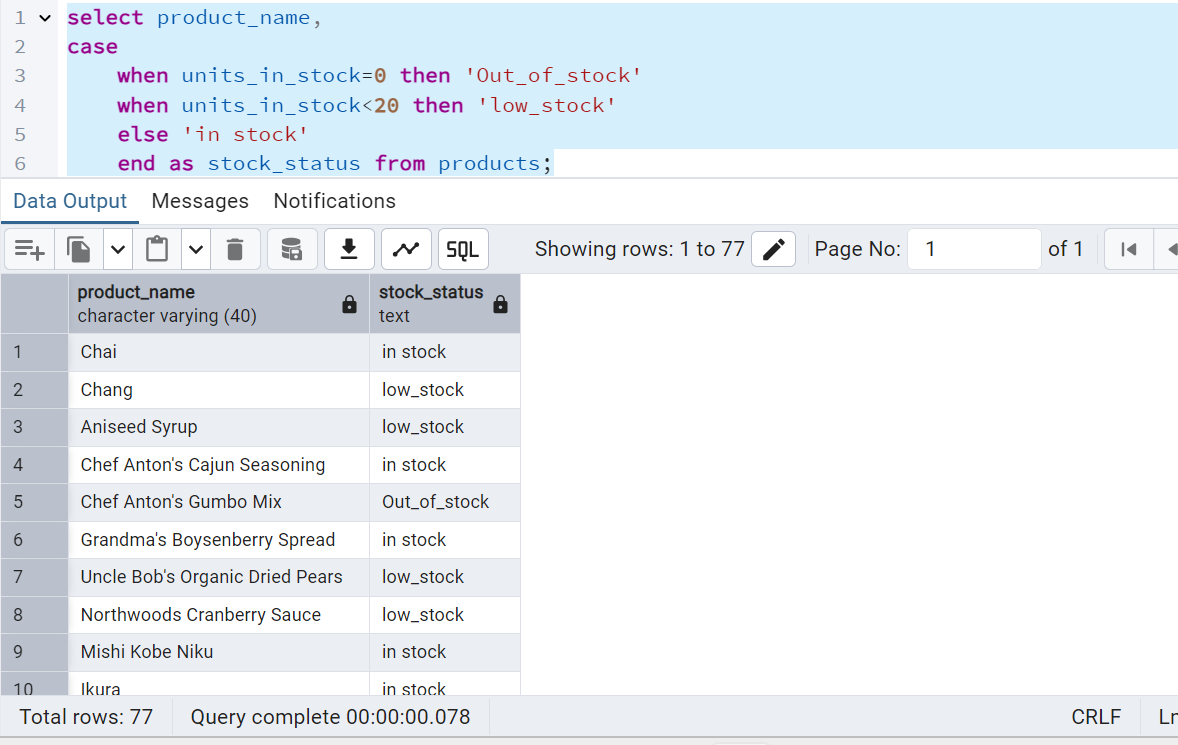
case

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;



2.      Find All Products in Beverages Category

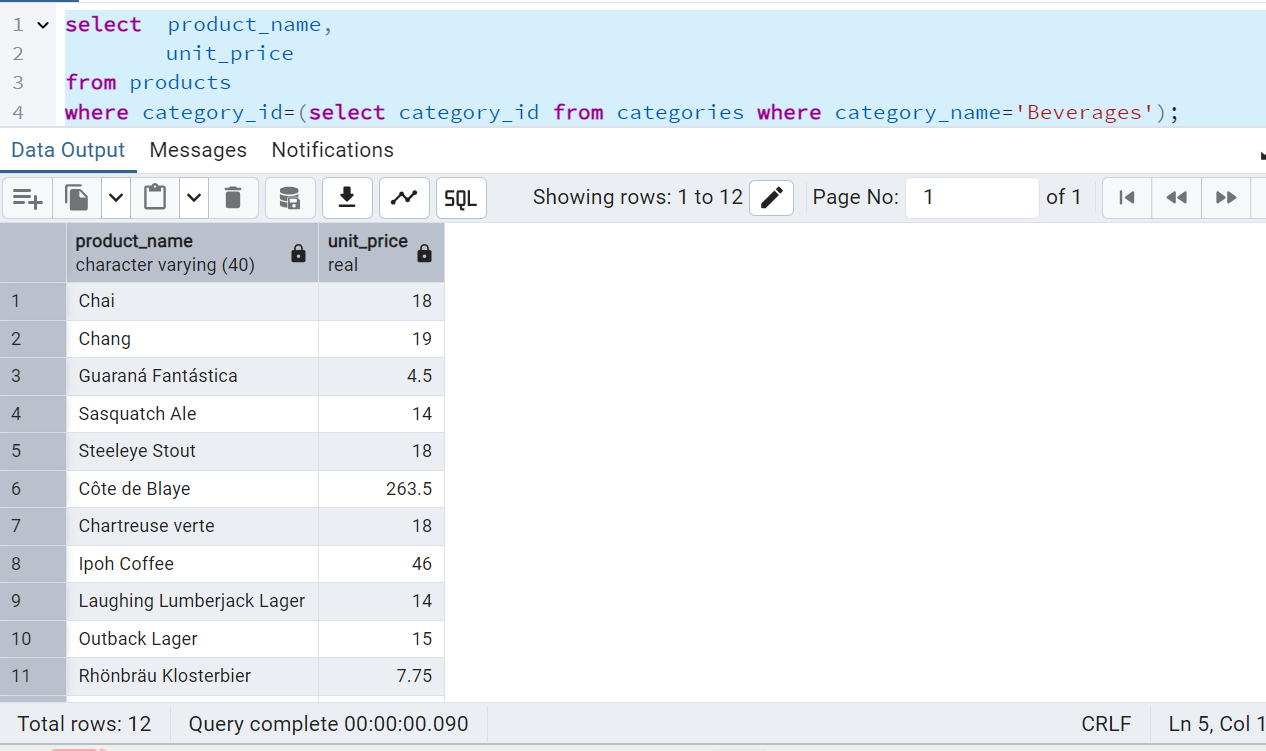
(Subquery, Display product\_name,unitprice)

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,

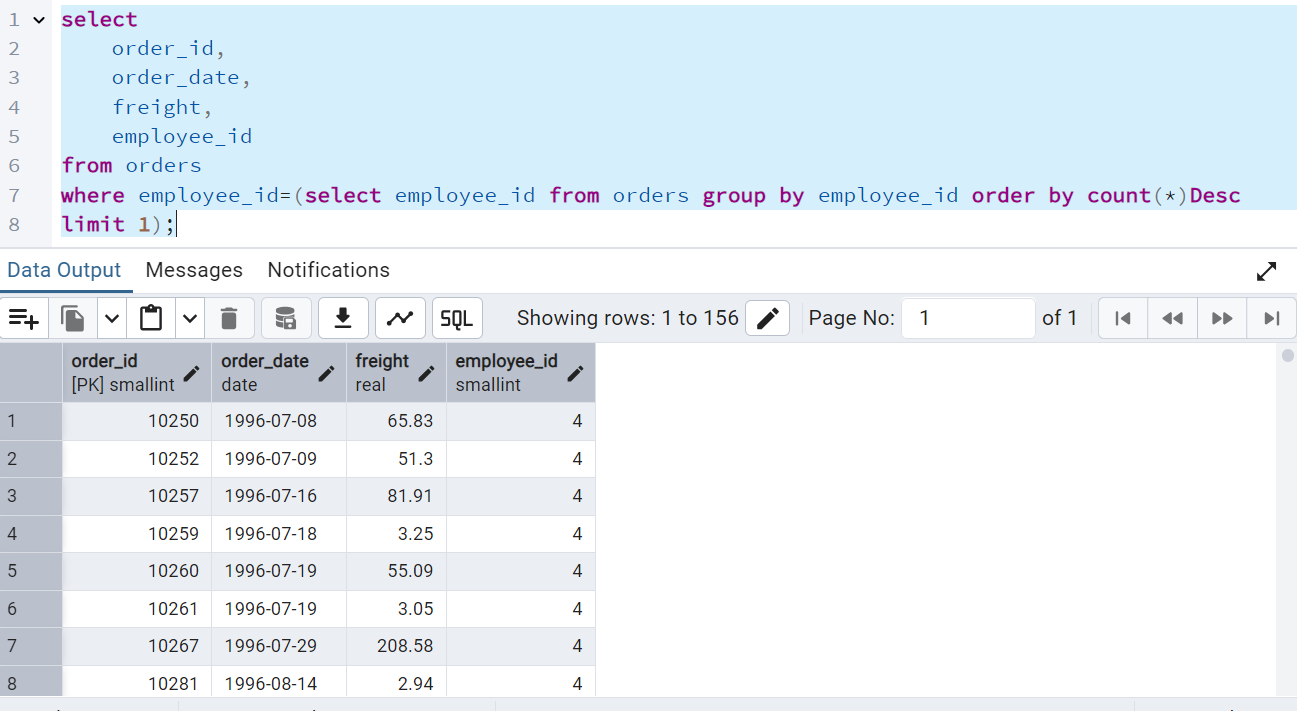
freight,

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)

select

order\_id,

order\_date,

freight,

ship\_country

from orders

where ship\_country!='USA'

AND freight > Any(Select freight from orders where ship\_country='USA');

