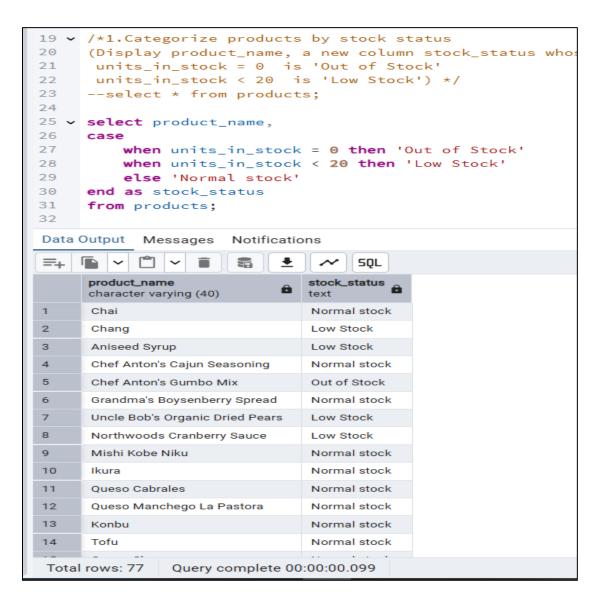
## **DAY 6 Assignment**

1. Categorize products by stock status.

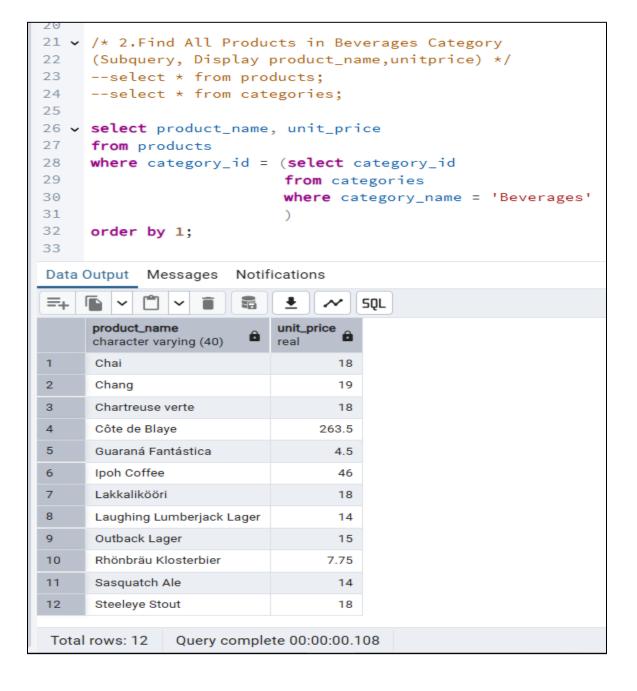
(Display product\_name, a new column stock\_status whose values are based on below condition units\_in\_stock = 0 is 'Out of Stock', units\_in\_stock < 20 is 'Low Stock')

select product\_name,
case
when units\_in\_stock = 0 then 'Out of Stock'
when units\_in\_stock < 20 then 'Low Stock'
else 'Normal stock'
end as stock\_status
from products;</pre>



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'
)
order by 1;
```



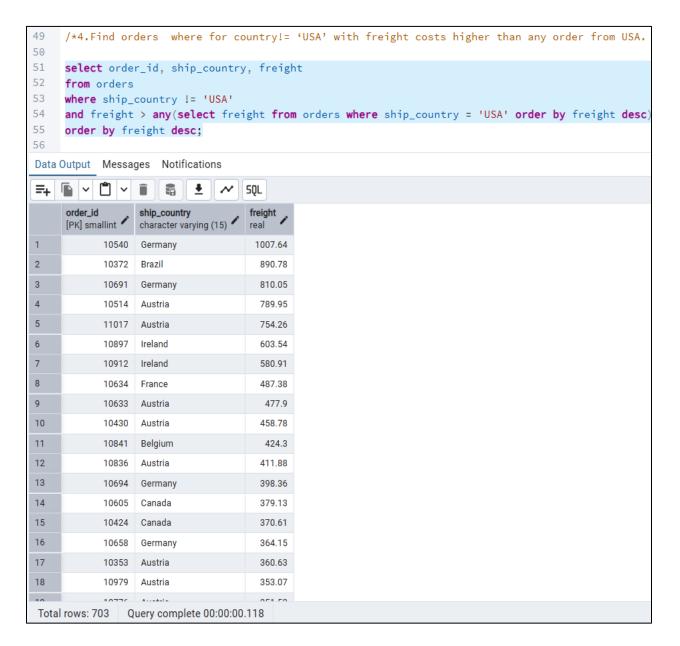
3. Find Orders by Employee with Most Sales. (Display order\_id, order\_date, freight, employee\_id. Employee with Most Sales=Get the total no.of of orders for each employee then order by DESC and limit 1. Use Subquery)

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

36 37 38 39 40 41	<pre>/*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 forselect * from orders;select * from employees;  select order_id, order_date, freight, employee_id from orders where employee_id = (select employee_id</pre>					
48	limit 1					
49	)					
Data Output Messages Notifications						
=+	<b>■</b> ~ <b>□</b> ~		<u> </u>	5QL		
	order_id [PK] smallint	order_date /	freight real	employee_id smallint		
1	10250	1996-07-08	65.83	4		
2	10252	1996-07-09	51.3	4		
3	10257	1996-07-16	81.91	4		
4	10259	1996-07-18	3.25	4		
5	10260	1996-07-19	55.09	4		
6	10261	1996-07-19	3.05	4		
7	10267	1996-07-29	208.58	4		
8	10281	1996-08-14	2.94	4		
9	10282	1996-08-15	12.69	4		
10	10284	1996-08-19	76.56	4		
11	10288	1996-08-23	7.45	4		
12	10294	1996-08-30	147.26	4		
13	10299	1996-09-06	29.76	4		
14	10302	1996-09-10	6.27	4		
Total	Total rows: 156 Query complete 00:00:00.124					

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 desc)
order by freight desc;



## **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 desc;

