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')\*/

Query:

SELECT

product\_name,

units\_in\_stock as stock\_status,

CASE

when units\_in\_stock=0 Then 'Out of Stock'

when units\_in\_stock<20 Then 'Low Stock'

ELSE

'Available'

end as stock\_status

from products

ORDER BY

Units\_in\_stock;

Output:



2.  **Find All Products in Beverages Category**

(Subquery, Display product\_name,unitprice)

Query:

select

product\_name,

unit\_price,

category\_id

from

products

where category\_id=(

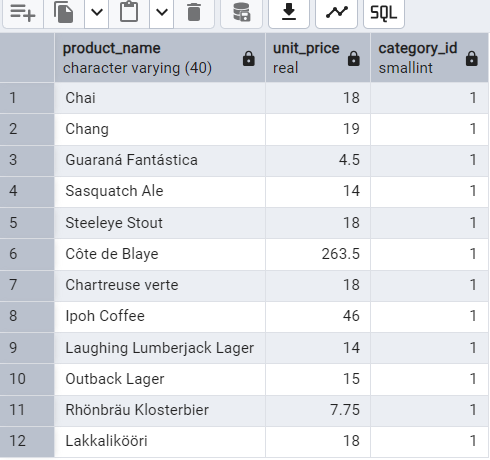
select category\_id

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)

Query:

select

order\_id,

order\_date,

freight,

employee\_id

FROM

orders

WHERE

employee\_id=(

select employee\_id

from orders

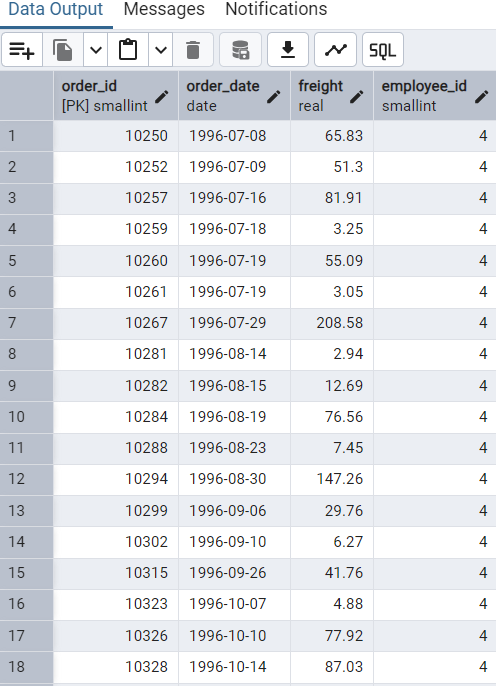
group by employee\_id

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)

Query:

select

Order\_id,

Ship\_country,

freight

from

orders

where ship\_country!='USA' and freight> any (

select freight

from orders

where ship\_country='USA'

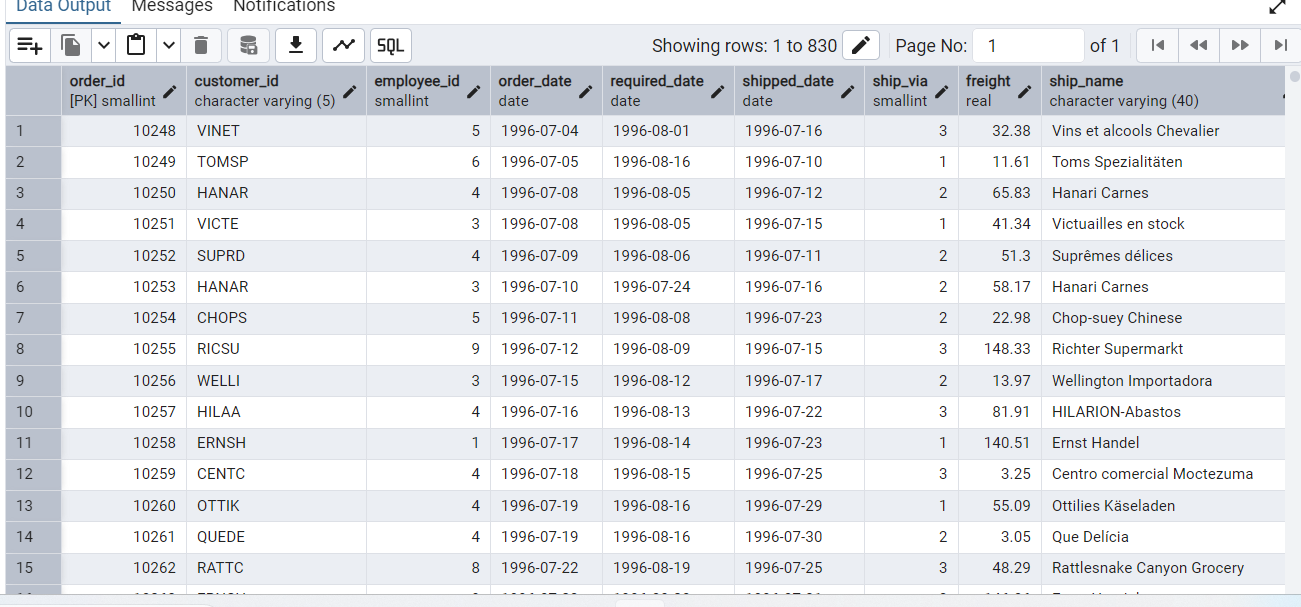
order by freight

)

group by

order\_id;

**Output:**

****