--------------------Day 6-----------------

/*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')*/

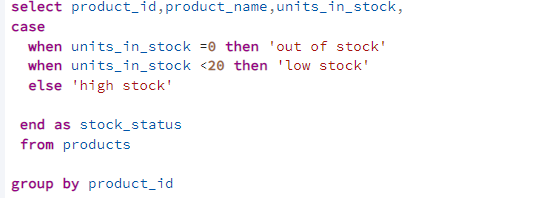
QUERY:

select \* from products

select product\_id,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

group by product\_id



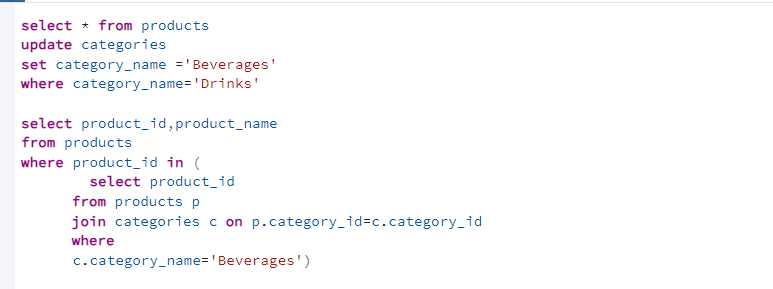
Output:

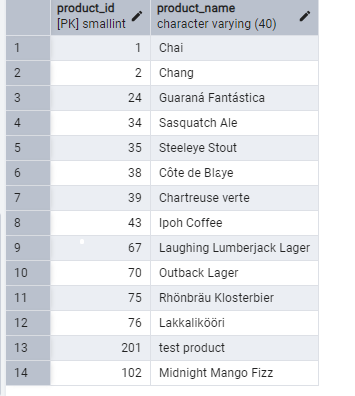


2. Find All Products in Beverages Category (Subquery, Display product\_name,unitprice)

Query:

select product\_id,product\_name from products where product\_id in ( select product\_id from products p join categories c on p.category\_id=c.category\_id where c.category\_name='Beverages')

Output:



3. Find Orders by Employee with Most Sales

(Display order\_id, order\_date, freight, employee\_id.

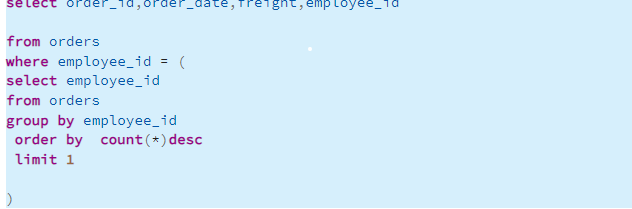
Employee with Most Sales=Get the total no.of of orders for each employee then order by DESC and limit 1. Use Subquery)

QUERY:

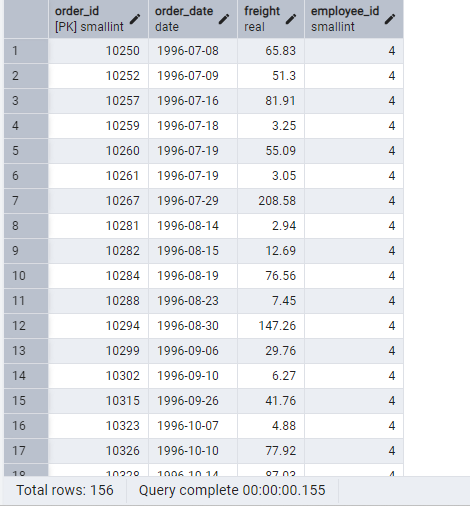
select order\_id,order\_date,freight,employee\_id

from orders where employee\_id = ( select employee\_id from orders group by employee\_id order by count(\*)desc limit 1

)



Output:

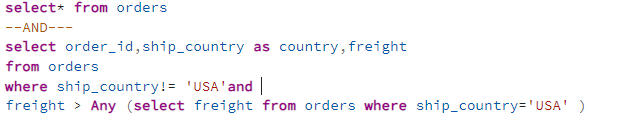


4.Find orders where for country!= ‘USA’ with freight costs --higher than any order from USA. (Subquery, Try with ANY, ALL operators)

select\* from orders

--AND---

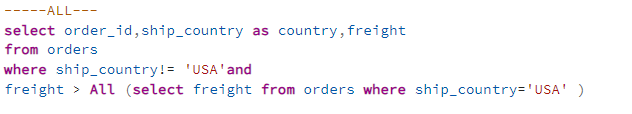
select order\_id,ship\_country as country,freight from orders where ship\_country!= 'USA'and freight > Any (select freight from orders where ship\_country='USA' )

Output:



-----ALL---

select order\_id,ship\_country as country,freight from orders where ship\_country!= 'USA'and freight > All (select freight from orders where ship\_country='USA' )

Output:

