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')

select product\_name,

case

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

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

else 'no stock'

end as stock\_status

from products;

Output

A screenshot of a computer

AI-generated content may be incorrect.

--2Find 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:

A screenshot of a computer

AI-generated content may be incorrect.

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(

select employee\_id, count(\*) as totalorders

from orders

group by employee\_id

order by totalorders desc

limit 1) as top\_employee

);

Output

A screenshot of a data

AI-generated content may be incorrect.

---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'

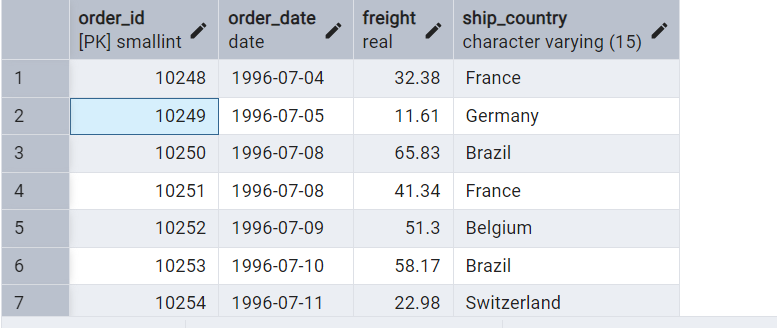
and freight>any(

select freight

from orders

where ship\_country='USA');

output



select order\_id,order\_date,freight,ship\_country

from orders

where ship\_country!='USA'

and freight>all(

select freight

from orders

where ship\_country='USA');

output

