Assignment 6

1.Categorize products by stock status.(Display product\_name, a new column stock\_status whose values are based on below conditionunits\_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'

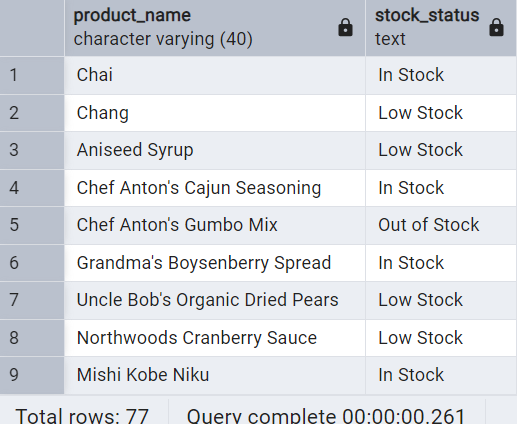
WHEN units\_in\_stock < 20 THEN 'Low Stock'

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 IN (

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 (

SELECT employee\_id, COUNT(\*) AS total\_orders

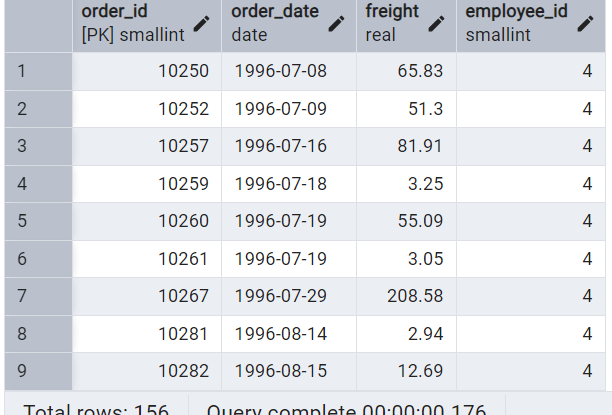
FROM orders

GROUP BY employee\_id

ORDER BY total\_orders DESC

LIMIT 1

) AS top\_employee

);

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

-- Using Any

SELECT

order\_id,

order\_date,

freight,

ship\_country

FROM

orders

WHERE

ship\_country != 'USA'

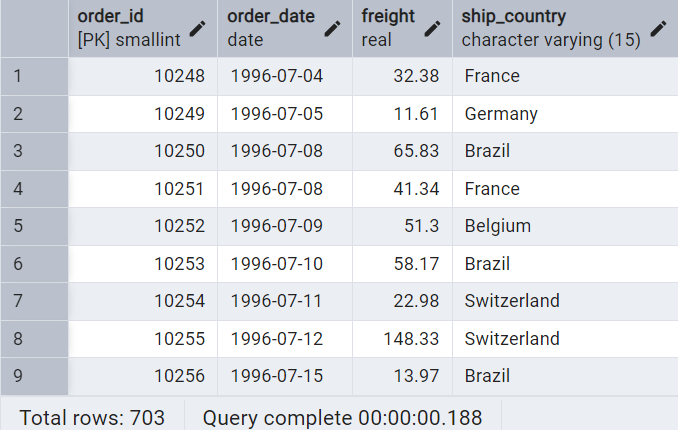
AND freight > ANY (

SELECT freight

FROM orders

WHERE ship\_country = 'USA'

);



--Using All operators

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'

);

