JAYA- DAY6-ASSIGNMNET

-- 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 \* FROM PRODUCTS

SELECT

product\_name,

CASE

WHEN units\_in\_stock = 0 THEN 'Out of Stock'

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

ELSE 'Sufficient'

END AS stock\_status

FROM

products;

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-- 2. Find All Products in Beverages Category

-- (Subquery, Display product\_name,unitprice)

SELECT \* FROM CATEGORIES

SELECT \* FROM PRODUCT

SELECT \* FROM CATEGORIES

WHERE CATEGORY\_NAME = 'Beverages'

select product\_name,unit\_price from products

where category\_id =(

SELECT category\_id FROM CATEGORIES

WHERE CATEGORY\_NAME = 'Beverages')

order by product\_name

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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 \* FROM orders

SELECT order\_id,order\_date,freight,employee\_id

FROM orders

WHERE employee\_id IN

(SELECT employee\_id

FROM orders

GROUP By employee\_id

ORDER BY COUNT(\*) DESC

LIMIT 1

)

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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

-----ANY---------

SELECT

order\_id,

freight,

ship\_country

FROM

orders

WHERE

ship\_country != 'USA'

AND freight > ANY (

SELECT freight

FROM orders

WHERE ship\_country = 'USA'

);

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------ALL---------

SELECT

order\_id,

freight,

ship\_country

FROM

orders

WHERE

ship\_country != 'USA'

AND freight > ALL (

SELECT freight

FROM orders

WHERE ship\_country = 'USA'

);

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