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

'IN\_STOCK'

END AS stock\_status

FROM products

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-- 2. Find All Products in Beverages Category

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

SELECT \* FROM products

SELECT \* FROM categories

SELECT product\_name,unit\_price From products

Where category\_id =

(SELECT category\_id

FROM categories

WHERE category\_name='Beverages' )A screenshot of a computer

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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(order\_id) 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' )A screenshot of a computer

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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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