--\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*--

-- 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 '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 product\_name, unit\_price

FROM products

WHERE

category\_id = (

SELECT category\_id

FROM categories

WHERE category\_name = 'Beverages');

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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 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 );

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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)\*/

--ANY (freight costs higher than any order from USA)

SELECT order\_id, ship\_country, freight

FROM orders

WHERE

ship\_country != 'USA'

AND freight > ANY (

SELECT freight

FROM orders

WHERE ship\_country = 'USA'

);

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--ALL (freight costs higher than ALL order from USA)

SELECT order\_id, ship\_country, freight

FROM orders

WHERE

ship\_country != 'USA'

AND freight > ALL (

SELECT freight

FROM orders

WHERE ship\_country = 'USA'

);

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