**Day-6 SQL Assignment**

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').

**QUERY:1**

select \* from products

select

product\_name,

CASE

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

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

END as stock\_status

from products;

**OUTPUT:1**

**A screenshot of a data output

AI-generated content may be incorrect.**

2. Find All Products in Beverages Category (Subquery, Display product\_name,unitprice)

**QUERY:2**

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'

);

**OUTPUT:2**

**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)

**QUERY:3**

select \* from orders

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

);

OUTPUT:3

A screenshot of a computer

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)

**QUERY:4**

-- ALL

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:**

A screenshot of a computer

AI-generated content may be incorrect.

**QUERY:4**

-- 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');

**OUTPUT:**

A screenshot of a computer screen

AI-generated content may be incorrect.