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, units\_in\_stock,

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 =

(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(order\_id) AS total\_orders

from orders

GROUP BY employee\_id

ORDER BY total\_orders DESC

LIMIT 1

)

);

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

--using ANY operator

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 operator

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'

);