CASE Expression Challenges

First Challenge

Challenge:

Select the following columns from the `oes.products` table:

- `product_id`
- `product_name`
- `discontinued`

Include a CASE expression in the SELECT statement called `discontinued_description`. Give this expression the string 'No' when the `discontinued` column equals 0 and a string of 'Yes' when the `discontinued` column equals 1. In all other cases give the expression the string of 'unknown'.

Second Challenge

Challenge:

Select the following columns from the `oes.products` table:
- `product_id`
- `product_name`
- `list_price`

- Include a CASE expression in the SELECT statement called `price_grade`. **For this expression..**
- If `list_price` is less than 50 then give the string 'Low'.
- If `list_price` is greater than or equal to 50 and `list_price` is less than 250 then give the string 'Medium'.
- If `list_price` is greater than or equal to 250 then give the string 'High'.
- In all other cases, give the expression the string of 'unknown'.

3

Third Challenge

Challenge:
- Select the following columns from the `oes.orders` table:
  - `order_id`
  - `order_date`
  - `shipped_date`
- Include a CASE expression called `shipping_status` which determines the difference in days between the `order_date` and the `shipped_date`. When this difference is less than or equal to 7 then give the string value 'Shipped within one week'.
- If the difference is greater than 7 days, then give the string 'Shipped over a week later'.
- If `shipped_date` is null then give the string 'Not yet shipped'.

4

Fourth Challenge

Challenge:

Repeat the third challenge to derive the `shipping_status` expression, but this time get the count of orders by the `shipping_status` expression.

5