Assignment - SQL (Group by, Having & Error Debugging)

1 Write a Query find all the market dates for which the total sales is are more that $150

```
select market_date,sum(quantity*cost_to_customer_per_qty) as total_sales
from `farmers_market.customer_purchases`
group by market_date
having sum(quantity*cost_to_customer_per_qty) > 150 ;
```

2. Write a Query to get the Vendor ID for which the total sales is between $100 to $150 for every market date

```
select market_date,vendor_id,sum(quantity*cost_to_customer_per_qty) as total_sales
from `farmers_market.customer_purchases`
group by market_date,vendor_id
having sum(quantity*cost_to_customer_per_qty) between 100 and 150
```

3. Write a query to find all the products which have a minimum of 20 quantities sold on each market date

```
select market_date,product_id,sum(quantity) as quantities_sold
from `farmers_market.customer_purchases`
group by market_date,product_id
having sum(quantity) >= 20 ;
```

Special Exercise : List out different types of errors found on your BigQuery workbench when writing your queries. (Voluntarily make different types of errors and list them all)

Example :

1. Syntax error: Expected end of input but got "(" at [1:23] : Missed comma in the first line of the select statement)

(Minimum of 5 unique errors are required, the one with highest wins)