Homework 2

Homework 2: Basic SQL

- Please upload your completed assignments to Google Drive.

- Due on Saturday, February 24 at 11:59pm

- Weight: 8% of total grade

- Upload one .sql file with your queries

SELECT

1. Write a query that returns everything in the customer table.

2. Write a query that displays all of the columns and 10 rows from the customer table, sorted by customer_last_name, then customer_first_ name.

WHERE

1. Write a query that returns all customer purchases of product IDs 4 and 9.

2. Write a query that returns all customer purchases and a new calculated column 'price' (quantity * cost_to_customer_per_qty), filtered by vendor IDs between 8 and 10 (inclusive) using either:
    1. two conditions using AND
    2. one condition using BETWEEN

CASE

1. Products can be sold by the individual unit or by bulk measures like lbs. or oz. Using the product table, write a query that outputs the `product_id` and `product_name` columns and add a column called `prod_qty_type_condensed` that displays the word "unit" if the `product_qty_type` is "unit," and otherwise displays the word "bulk."

2. We want to flag all of the different types of pepper products that are sold at the market. Add a column to the previous query called `pepper_flag` that outputs a 1 if the product_name contains the word "pepper" (regardless of capitalization), and otherwise outputs 0.

JOIN

1. Write a query that `INNER JOIN`s the `vendor` table to the `vendor_booth_` assignments table on the `vendor_id` field they both have in common, and sorts the result by `vendor_name`, then `market_date`.