First part of the assignment was being tasked with importing the ‘create-databases SQL’ Script.

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I ran the script after opening it, to create the databases

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I started a new query to enter instructions.

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The first set of instructions would use the sql store schema and show all information from the customers table.

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Was then tasked with querying to have the last name first, and then the first name, and also showing us the original points plus 10.

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## Task 1

The following code is to add 10 points on and then times it by 100, then renaming it as discount\_factor.

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## Task 2

I need to show columns name, unit price, and a new column called new price, which is an increase of the product price by 10%

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## Task 3

I need to create a new query to find all the customers with a birth date of more than 1990-01-01

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## Task 4

I need to find the name of the product with the most amount of stock. Using this statement. SELECT name, quantity\_in\_stock FROM products ORDER BY quantity\_in\_stock DESC LIMIT 1;

## Task 5

I need to find out the name of the most expensive product.

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Pork – bacon, back peameal is the most expensive at 4.65

## Task 6

I need to write a query to find out the first name, last name, address, and the birth date of the oldest customer. Using the database SQL\_Store.

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With this query, I have the birth date in ascending order, to find that Ilene Dowson is the oldest customer.

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According to the EER Diagram the primary key for order items is the order id and product id. The primary key for products is the product id. The primary key for shippers is shipper id. For orders the primary keys are order id, where the foreign keys are customer id, order date and status. The primary key for customers is the customer id, and the primary key for order statuses is order status id. Most of these interconnect with orders as seen in the diagram.