

**Each day, you will complete this page (the assignment will be posted daily)**

**1. Paste your code for the summative assignment below.**

```
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# This program will demonstrate an online store which the user can pick from the many options and get the total amount of
money back in tax.

"""
This function will take the user's input and determine if it is a valid item in the store menu. If the item is not correctly spelled,
or incorrect in any way, the code will continue asking for a valid answer.

Preconditions:
item != integer or negative integer
items must be spelled correctly
done = code stopping

Returns:
the total price of the shopping cart items in the customer's basket
"""

item_prices = {
    "Milk": {"2%": 4.32, "3.25%": 4.32},
    "Bread": {"Regular": 2.50},
    "Water": {"Regular": 30.00},
    "Eggs": {"A Dozen": 3.87},
    "Butter": {"Regular": 3.42},
    "Oil": {"Olive oil": 5.60, "Avocado oil": 5.60},
    "Yogurt": {"Regular": 3.43},
    "Coke": {"20 cans": 23.00, "Jug": 5.00}
}
total = 0.00
# Display available items
print("Welcome to the grocery store!")
print("Here are the available items:")
print("-----")
print("\n".join(item_prices)) #joins all items into one string
print("-----")

print("What would you like to add in your cart?")
cart = input("Add to Cart: ")
while cart.lower() != "milk":
    print("Invalid Item")
    cart = input("Add to Cart: ")
if cart.lower() == "Milk":
    print("Which milk?")
    print("2% or 3.25%?")
    cart = input("Add to Cart: ")

print("-----")
```

## **2. Detail what you added today.**

In my code today i started it off, i added the documentation first. My name, date of modification and what the code is about, then i wrote the doc string, explaining what my code will do, preconditions, returns. After that, I started coding. I first stored information in the cart with prices. And then I started the layout of what the program will ask the user. After that I started with the first item, milk. The code asks the user what they want. If its milk, then the user will be asked what type of milk.

## **3. Provide details for at least two coding items you plan to work on next class.**

- i'll work on adding onto the milk part so that the user can choose how much milk they want
- Also I need to figure out how to put tax on those items.