**Module 3: Critical Thinking Assignment**

Chioma Chance

CSC500

07/07/2024

# Introduction

In this assignment, I was asked to build an online shopping cart. This shopping cart was instructed to have the attributes: name(string), price(float), and quantity(int).

## Part 1: Build ItemToPurchase class

Pseudocode:

Source code:

# Part 2: Prompt the user to input values

Pseudocode:

Source code:

# Part 3: total cost

# **GIT repository link**

<https://github.com/Ch1T1me/CSC500.git>

# **Challenges**

During this assignment the challenges I faced were in Part 2. I wasn’t sure if I should you and if statement or not. I tried a plain if statement with “If value >= 24 then..” if greater than or equal to 24 hrs then revert back to 0. However, when I ran the code it didn’t turn out as I had hoped.

After thinking about it a bit, I realized I could use the mod. It would calculate the exact number needed without any more hassle. I went back through ZyBooks to help with implementing the mod. The Challenge activity Labs for this week ESPECIALLY helped me out.

# **References**

ZyBooks: CSC500: Principles of Programming

<https://www.programiz.com/python-programming/class>