**Chapter: 4**

**Assignment: Shipping Cost**

**Name: Ricky Howe**

This program is called Shipping Calculator.

This program is designed to calculate the shipping cost of an online shopping order based on several variables. The variables involved are the total (4 tiers) and whether the customer lives in the USA, or Canada.

**INPUT**: I will require the user to input their name, where they live, and their shopping total.

I will use my typical welcome message format. “Hello, please enter your name.” “Thank you, UserName.” “Please enter your country of residence.” “You entered Country.” “Please enter your total.” “You entered CartTotal.”

VARIABLES : UserName, Country, CartTotal

Data types used are String, and Float

**PROCESS/ASSIGNMENT STATEMENTS**:

Calculations used for this section will be simple addition problems.

CartTotal + either USA or Canada rate

The control structure used will have to be multiple selection. I will likely use a condition structure at the beginning and nested if-then-else-if since I have a total of 4 conditions.

**Order Total Ship within USA Ship to Canada**

**Less than $50.00 $6.00 $8.00**

**$50.01–$100.00 $9.00 $12.00**

**$100.01–$150.00 $12.00 $15.00**

**Over $150.00 Free Free**

**OUTPUT**:

The output I need will be the greeting for the user, prompting them for their name, and prompting them to enter their country of residence and shopping total.

An error screen will be necessary to explain to the user what they did wrong and how to correct it.

After this, I will output a review of their provided information, along with the result of our calculations.

The final output screen will thank them for using our app.

The only commands I will need to use for this in the scope of our pseudocode will be WRITE.