

COM 150-03 Introduction to Computer Programming

Program #2: Celestial Coffee

The purpose of this exercise is to create a program takes in the user's name and address and coffee order and display the total order with the appropriate sales tax.

In this exercise, you will:

- Create an algorithm
- Work with adding Controls to a Visual Basic Form
- Declare and Assign values to Variables
- Use a Constant Variable
- Cast Inputs to appropriate data types
- Use arithmetic operations

Instructions:

1. Before your Code: Create the algorithm
 - a. Identify inputs (Name, Address, City, State, Zip, Pounds of regular coffee ordered, Pounds of Decaf coffee ordered)
 - b. Identify the steps in your process
 - c. Identify outputs (Name, Address, Total Pounds of Coffee & Total Price)
2. Create a new Visual Basic Windows Forms Application named 'CelestialCoffee' and save it to your i:drive
3. Design your form by adding the necessary controls. Play with the control properties to change colors/backgrounds.
4. Write the code to calculate the total pounds of coffee ordered and the total price plus sales tax.
5. Output the user's information and order to the form.
6. For an added challenge – spruce up your form by adding a picture box with a relevant image
7. Save All, Compile and Run Your Form