FALL 2007
CS 113: Introduction to Computers
Assignment 6
Due: October 18, 2007
Sub Procedures II
(16 points)

Objectives: Learn how to use Sub Procedures.

What to do?

Read sections 4.1 and 4.2 of the textbook.

Write a program to produce a sales receipt. The input, processing, and output should be performed by calls to Sub procedures. Each time the user clicks on a command button, an item and its price should be read from a pair of text boxes and displayed in a picture box. Use a form-level variable to track the sum of the prices. When the user clicks on a second command button (after all the entries have been made), the program should display the sum of the prices, the sales tax (5 percent of total; declare a form-level constant to store the tax rate in), and the total amount to be paid. Use the built-in FormatCurrency function to display these quantities properly.

The VB program's interface should look as shown above. Make sure the objects in your program are as follows:

Object	Property	Setting
frmLab6	Caption	Register
lblItem	Caption	Item:
txtItem	Text	
lblPrice	Caption	Price:
cmdEnter	Caption	Enter
cmdTotal	Caption	Finish & Pay *(two ampersand characters needed!)*
picReceipt		

Name your Sub procedures InputItemAndPrice, OutputItemAndPrice, UpdateSum, ComputeTaxAndTotal, OutputSumTaxAndTotal.

Save your work.

What to submit

Use Blackboard Vista to submit the <u>Visual Basic Form File</u> with your program.