

CSCI 2500 TEST 2 STUDY GUIDE FALL 2009

Chapter 5: General Procedures

1. Distinguish between Sub procedures and Function procedures.
2. Distinguish between general procedures and event procedures
3. Write a Sub procedure called Sum1 that is sent two Double values into parameters **num1** and **num2** and computes and displays their sum (along with “The sum is ”) in a text box called txtResult.
4. Write a statement to invoke the procedure above using the arguments **x** and **y**.
5. Write a Function procedure called Sum2 that is sent two Double values into parameters **num1** and **num2** and returns their sum.
6. Write a statement to invoke the procedure above using the arguments **x** and **y** and assign the value returned to a variable called **result**.
7. Write a Sub procedure called Sum3 that is sent two Double values into parameters **num1** and **num2** and returns the result using a ByRef parameter called **sum**.
8. Write a statement to invoke the procedure above using the arguments x, y, and result.
9. What is a local variable?
10. What is a class-level variable?

Chapter 6: Repetition

1. Write the Visual Basic statements to do the following:
 - a) Use a Do While loop to put the numbers from 1 to n in a list box called lstBox.
 - b) Use a Do Until loop to put the numbers from 1 to n in a list box called lstBox.
 - c) Use a Do While loop such that as long as you’re not at the end of the file pointed to by the StreamReader object sr, you read in the next line of the file and add it to the list box called lstBox.
 - d) Use a For loop to put the numbers from 1 to n in a list box called lstBox.
 - e) Use a For loop to put the even integers from 2 to n in a list box called lstBox.
 - f) Use a For loop to put the odd integers from 99 to 1 in a list box called lstBox.
 - g) Use a For loop to ADD the numbers from 1 to n and put the “The sum is “ followed by the sum in a text box called txtBox.