

Introduction to Programming using Visual Basic
CS0004
Pop Quiz 4

Name _____

Pitt ID _____

Instructions: You have 15 minutes to answer these questions as clearly and precisely as you can. Good Luck!

1. What will be the output of the following program when the button is clicked?

```
Private Sub btnDisplay_Click(...) Handles btnDisplay.Click
    Dim result As String
    For i As Integer = 1 To 6
        result = result & "i=" & CStr(i) & ";"
    Next
    txtBox.Text = result
End Sub
```

2. Write a function that subtracts 2 from an integer (passed into the function as a parameter) and returns the subtracted value (which is also an integer). Name the function *SubTwo*.

3. Assume you have the following code

```
Dim total(5,10) As Double
Dim numbers(10,10) As Double
Dim names(10) As String
Dim big(10,5,2) As String
```

- a) What would be the value of `total.GetUpperBound(1)`?
- b) What would be the value of `numbers.GetUpperBound(0)`?
- c) What would be the value of `numbers.GetUpperBound(1)`?
- d) What would be the value of `big.GetUpperBound(2)`?
- e) What would be the value of `numbers(1)`?