CS0004: Quiz #1

Name: ____________________________________________

Instructions

Write the MOST CORRECT answer for the following questions in the space provided. For example: If “A” and “C” are both correct, and “D” is “both A and C”, then answering “D” will get you credit. Answering “A” or “C” will get you NO credit.

1) C___ What is the paradigm where the flow of a program is determined by actions such as mouse clicks and key presses?
   A. Functional Programming
   B. Procedural Programming
   C. Event-driven Programming
   D. Object-oriented Programming

2) B___ What is a step-by-step procedure devised for the purpose of taking in data and producing the correct output?
   A. A Program
   B. An Algorithm
   C. A Compiler
   D. Machine Language
   E. High-Level Language

3) B___ Which is NOT a step in the Program Development Cycle?
   A. Analyze the problem
   B. Delegate responsibility
   C. Design an interface
   D. Write the code
   E. Document the program
4) **D** What is NOT one of the precise steps the algorithm should follow?
   A. Get Input
   B. Validate Input
   C. Process input
   D. Have events react to input
   E. Output solution

5) **B** What is the different between Visual Studio and Visual Basic?
   A. Visual Studio is the code for the controls; Visual Basic is the code for what happens when events happen.
   B. Visual Studio is an Integrated Development Environment; Visual Basic is a programming language.
   C. Visual Studio is the “.sln” (solution) files; Visual Basic is the “.exe” (executable) files
   D. Visual Studio is a Microsoft product; Visual Basic is a Google product

6) **A** What is the basic form of setting a property of a control
   A. controlName.property = setting
   B. property.controlName = setting
   C. setting.property = controlName
   D. controlName.setting = property
   E. property.setting = controlName

7) **D** What is NOT true about Keywords in Visual Basic?
   A. They have special meaning
   B. They appear in blue in Visual Studio
   C. They cannot be used as variable names
   D. They often begin with a lowercase letter
8) **C** What is **NOT** true about focus in Visual Basic?
   A. Visual Basic can handle Enter Focus events
   B. Visual Basic can handle Leave Focus events
   C. Visual Basic can handle Hover Focus events
   D. Text Boxes can be typed in when they have focus
   E. Buttons can be “clicked” on when they have focus by hitting the enter key

9) **D** In the statement: `lstExample.Items.Clear()`, `Clear()` is an example of what?
   A. A function
   B. A parameter
   C. A variable name
   D. A method
   E. A type

   **In the statement:** `lstExample.Items.Add("Hello")`, "Hello" is an example of what?
   A. A function
   B. A parameter
   C. A variable name
   D. A method
   E. A type

10) **B** In the statement: `Dim interestRate As Double`, `interestRate` is an example of what?
    A. A function
    B. A parameter
    C. A variable name
    D. A method
    E. A type

   **In the statement:** `Dim interestRate As Double`, `interestRate` is an example of what?
    A. A function
    B. A parameter
    C. A variable name
    D. A method
    E. A type
12) In the statement: Dim interestRate As Double, Double is an example of what?
   A. A function
   B. A parameter
   C. A variable name
   D. A method
   E. A type

13) In the expression: Math.Sqrt(9), Sqrt is an example of what?
   A. A function
   B. A parameter
   C. A variable name
   D. A method
   E. A type

14) What kind of error would be produced by the following Visual Basic statement:
    Dim interestRate As Doubl
   A. Logical Error
   B. Run-time Error
   C. Syntax Error
   D. None, there is no error

15) What would be the result of the expression: 9 Mod 2?
   A. 0
   B. 1
   C. 2
   D. 3
   E. 4
   F. 4.5