

## 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** **When developing an algorithm, which 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
- 10) B **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
- 11) C **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) E **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) A **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) C **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) B **What would be the result of the expression:** `9 Mod 2?`

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4
- F. 4.5