

Introduction to Programming using Visual Basic
CS0004
Pop Quiz 1 - **Solution**

Name _____

Pitt ID _____

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

1. Name 2 of the 4 main parts of the typical computer:
Two of the following: Processor, Memory, Hard Drive, I/O Devices
2. What makes Visual Basic different than other programming languages?
Visual Basic is user driven (or event driven).
3. When programming at what step will you spend the most amount of time?
Debugging and Testing.
4. Provide 2 examples of an I/O Device:
Possible examples: Monitor, Keyboard, Mice, Game Controllers, Printer, etc.
5. Evaluate the following expressions:
 - a. $(10 + 10) / 2$
10
 - b. $10 + 10 / 2$
15
 - c. $21 \text{ mod } 2$
1
 - d. 2^2
4

6. What would be the value of x and y after executing this code?

```
Dim x as Integer
Dim y as String
x = 3
y = "my_test"
x = x + y.Length
y = y & "_again"
```

x is 10, because x was 3 and the length of y is 7 so $3 + 7 = 10$

y is the string "my_test_again", y was the string "my_test" then it was set to y concatenated with "_again", making the string "my_test_again"