

COP 3540

Spring 2007

Quiz 1 – Chapter 1

Name: _____

- 1..... In object-oriented programming, an object
 - a. is a class
 - b. may contain data and methods
 - c. is a program
 - d. may contain classes
 - e. I have no clue

- 2..... A class
 - a. is a blueprint for many objects
 - b. represents a specific real-world object
 - c. will hold specific values in its fields
 - d. specifies the type of a method

- 3..... In Java, a class specification
 - a. creates objects
 - b. requires the keyword *new*
 - c. creates references
 - d. none of the above

- 4..... In Java, boolean and byte are _____ data types.

- 5..... Variables (attributes, properties) that are defined within a method are likely:
 - a. instance variables
 - b. local variables
 - c. static variables

- 6..... If I pass the value of an attribute, say, the value of `int age = 52` to a method and that called method alters the value of age within its executable code but I want my original value in the calling method shielded from that change, my best choice of parameter passing would be:
 - a. Call by Content
 - b. Call by Reference
 - c. Call by Value
 - d. Call by Name

- 7..... The public interface of an object generally refers to:
- all of the methods included in the object
 - all of the methods and any public attributes
 - only methods marked public
 - all static (class) methods, such as `static int count = 0;`
- 8.....(True, False), when we write code such as `ba1.display()` or `ba2.insert(45.6)`, we are really:
- sending a message to a specific method in the named object
 - invoking the `ba2` routine with an argument `45.6` value
 - invoking the `insert` routine within the object I am currently 'in'
 - requesting service from an unnamed object
- 9..... The notion of including attributes and methods into a single structure is referred to as:
- encapsulation
 - information hiding
 - polymorphism
 - inheritance
- 10.... (True, False), In Java, code in one object, if carefully done, can access private data in another object if the object is of the same class, such specific students from a class `Student`.
- 11.....In Java, the creation of all objects requires the operator `new` except _____ objects.
- 12..... Please answer the following question (just input to me)
I took Intro to OOP here at UNF and my instructor was _____
I took Intro to OOP at FCCJ (or other institution).
Please name school: _____
I took Intro to OOP (semester, year) _____
I honestly feel that I am well equipped from the prerequisite:
- excellent
 - good
 - fair
 - poor