Site Title: Java<sup>™</sup> How to Program, 6e Book Title: Java<sup>™</sup> How to Program

Book Author: Deitel

Location on Site: Chapter 8 > True or False Quiz 1

Date/Time Submitted: December 6, 2021 at 9:13 AM (UTC/GMT)

Summary of Results

88% Correct of 17 Scored Items:
15 Correct: 88%
2 Incorrect: 812%

More information about scoring

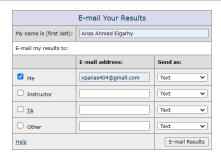
A file may contain as many classes as you like as long as each of these classes is declared public. Your Answer: False If a class declaration does not specify extends and a class name to the right of the new class name, the new class does not extend an existing class. Your Answer: True Correct Answer: False The new class implicitly extends class Object. Review Section: 8.2 Time Class Case Study Variables or methods declared with access modifier public are accessible wherever the program has a reference to an object of the class. Your Answer: True OORREGT Access modifiers must be grouped; all public members must appear together and all private members must appear together. Your Answer: False The method with the same name as the class and no return type is the constructor of that class. Your Answer: True CORRECT Constructors cannot take arguments and cannot return a value. Your Answer: False If a class is in the same package as the class that uses it, an import statement is not required. Your Answer: True CORRECT An attempt by a method which is not a member of a particular class to access a private member of that class is a fatal runtime error. CORRECT Restricting access to class members via keyword private is called information hiding. Your Answer: True Each object of a class can refer to itself with keyword this (sometimes called the this reference. Your Answer: True 11. CONNECT: Attempting to overload a constructor with another constructor that has the exact same signature (name and parameters) is a compilation error. Your Answer: True Only the first constructor for a class is defined without a return value. Subsequent constructors have the return type void. 13. CORRECT The compiler will create a default constructor only if your class does not declare any constructors of its own. Your Answer: True CORRECT Get methods are also commonly called accessor methods or query methods. Your Answer: True 15. CORRECT The benefits of data integrity are automatic simply because instance variables are made private. Your Answer: False

16. A constructor can call other methods of the class without concern because all methods of a class are accessible to all other methods of a class.

Your Answer: True Correct Answer: False A constructor can call other methods of the class, but because the constructor is initializing the object, the instance variables may not yet be in a consistent state. Review Section: 8.7 Notes on Set and Get Methods

17. A class cannot have references to objects of other classes as members.

Your Answer: False



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