ORACLE
CERTIFICATION PROGRAM

Examination Score Report

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Oracle Testing ID: OC1408667

1Z0-851 Java Standard Edition 6 Programmer Certified Professional

Exam Date:	08/22/2014
Registration:	272468547
Center ID:	57339

Your Score: 70%	**Passing Score:** 61%	**Result:** Pass

Feedback on your performance is printed below. The report lists the objectives for which you answered a question incorrectly.

- Determine the effect upon object references and primitive values when they are passed into methods that perform assignments or other modifying operations on the parameters.
- Develop code that implements all forms of loops and iterators, including the use of for, the enhanced for loop (for-each), do, while, labels, break, and continue; and explain the values taken by loop counter variables during and after loop execution.
- Develop code that implements an if or switch statement; and identify legal argument types for these statements.
- Develop code that makes proper use of type parameters in class/interface declarations, instance variables, method arguments, and return types; and write generic methods or methods that make use of wildcard types and understand the similarities and differences between these two approaches.
- Develop code that makes use of exceptions and exception handling clauses (try, catch, finally), and declares methods and overriding methods that throw exceptions.
- Develop code that uses the primitive wrapper classes (such as Boolean, Character, Double, Integer, etc.), and/or autoboxing & unboxing. Discuss the differences between the String, StringBuilder, and StringBuffer

classes.

- Explain the effect of modifiers on inheritance with respect to constructors, instance or static variables, and instance or static methods.
- Given a code example and a scenario, write code that uses the appropriate access modifiers, package declarations, and import statements to interact with (through access or inheritance) the code in the example.
- Given a scenario involving navigating file systems, reading from files, writing to files, or interacting with the user, develop the correct solution using the following classes (sometimes in combination), from java.io: BufferedReader, BufferedWriter, File, FileReader, FileWriter, PrintWriter, and Console.
- Given a scenario, develop code that demonstrates the use of polymorphism. Further, determine when casting will be necessary and recognize compiler vs. runtime errors related to object reference casting.
- Given a scenario, write code that makes appropriate use of object locking to protect static or instance variables from concurrent access problems.
- Given the fully-qualified name of a class that is deployed inside and/or outside a JAR file, construct the appropriate directory structure for that class. Given a code example and a classpath, determine whether the classpath will allow the code to compile successfully.
- Recognize the states in which a thread can exist, and identify ways in which a thread can transition from one state to another.
- Write code that uses standard J2SE APIs in the java.util and java.util.regex packages to format or parse strings or streams. For strings, write code that uses the Pattern and Matcher classes and the String.split method. Recognize and use regular expression patterns for matching (limited to: . (dot), * (star), + (plus), ?, \d, \s, \w, [], ()). The use of *, +, and ? will be limited to greedy quantifiers, and the parenthesis operator will only be used as a grouping mechanism, not for capturing content during matching. For streams, write code using the Formatter and Scanner classes and the PrintWriter.format/printf methods. Recognize and use formatting parameters (limited to: %b, %c, %d, %f, %s) in format strings.
- Write code that uses the generic versions of the Collections API, in particular, the Set, List, and Map interfaces and implementation classes. Recognize the limitations of the non-generic Collections API and how to refactor code to use the generic versions. Write code that uses the NavigableSet and NavigableMap

interfaces.

If this is the final exam in your certification path, you are required to complete the following steps to ensure delivery of your Certification Success Kit.

- Visit certification.oracle.com and select your certification path to ensure you are aware of all certification requirements.
  - Note that completion of the required training and approval of the course submission form are also required in paths that require training.
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  - If exams that you have taken do not show up, you may have taken them under a different Oracle Testing ID.
  - Contact www.pearsonvue.com/oracle/contact to merge your IDs (provide all IDs under which you have taken exams or submitted forms and confirm which ID should be the 'surviving id').
- Go to pearsonvue.com/oracle, select My Account, log in, and select "Personal Info" to confirm that your address is correct.
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