1. While & For Loops; the continuation condition is checked before the loop body is executed

CORRECT

Pre-Test Loop

1. Separating the use of a method from its implementation

CORRECT

Method Abstraction

1. Executing a loop one more/less time accidentally

INCORRECT

Scope of a Variable

THE ANSWER

Off-by-One Error (Loops)

1. A technique of writing software where you gradually add error checking and functionality

INCORRECT

Method Overloading

THE ANSWER

Divide-and-Conquer / Stepwise Refinement

1. Consists of an outer loop and one or more inner loops

CORRECT

Nested Loop

1. Only ends a current iteration

INCORRECT

Instance Method

THE ANSWER

Continue Statement

1. A loop statement that executes infinitely

INCORRECT

Sentinel Value

THE ANSWER

Infinite Loop

1. Stores a fixed-size sequential collection of elements in the same type

INCORRECT

Output Redirection

THE ANSWER

Array

1. the variable inside the brackets, [ ]

CORRECT

Indexed Variable

1. Immediately ends the innermost loop

CORRECT

Break Statement

1. A simple, incomplete version of a method

INCORRECT

String

THE ANSWER

Stub

1. When there is no explicit reference variable for an array

INCORRECT

Scope of a Variable

THE ANSWER

Anonymous Array

1. Controls how many times an operation or sequence of operations performed in succession

INCORRECT

Post-Test Loop

THE ANSWER

Loop

1. A one-time execution of a loop body

INCORRECT

Break Statement

THE ANSWER

Iteration

1. Specifies how an item should be displayed, which may be a numeric value, character, Boolean value, or string. Begins with %

INCORRECT

Formal Parameter/Parameter

THE ANSWER

Format Specifier

1. Mapping a character to its binary representation

CORRECT

Encoding

1. \ (the backslash)

INCORRECT

Escape Sequence

THE ANSWER

Escape Character

1. When one references the first element in an array with index [ 1 ], but it should be [ 0 ]

INCORRECT

Formal Parameter/Parameter

THE ANSWER

Off-by-One Error (Arrays)

1. The method name and the parameter list

INCORRECT

Method Abstraction

THE ANSWER

Method Signature

1. An automatic memory management feature that is collected by the Java Virtual Machine

CORRECT

Garbage Collection

1. combines the declaration, creation, and initialization of an array in one statement

CORRECT

Array Initializer

1. The actual value that is passed into the method by a caller

CORRECT

Actual Parameter/Argument

1. The program takes the input from the file Input.TXT rather than having the user type the data from the keyword at runtime

INCORRECT

Method Overloading

THE ANSWER

Input Redirection

1. The part of the program where the variable is accessible

CORRECT

Scope of a Variable

1. When there are are two or more possible matches for the invocation of a method, but the compiler is unable to determine the best match

CORRECT

Ambiguous Invocation

1. Do-While Loop; the condition is checked after the loop body is executed

CORRECT

Post-Test Loop

1. The process of looking for a specific element in an array

INCORRECT

String

THE ANSWER

Searching

1. How characters are encoded

CORRECT

Encoding Scheme

1. A numeric association to an element in a collection of data; the position of an object in an array

CORRECT

Index

1. Used to execute a loop body a fixed number of times; has three parts: initial action that initializes a control variable, the loop-continuation-condition, and execution after each iteration and is often used to adjust the control variable

CORRECT

For Loop

1. Only can be invoked from a specific string instance

CORRECT

Instance Method

1. The variable used in a method to stand for the value that is passed into the method by a caller

INCORRECT

Actual Parameter/Argument

THE ANSWER

Formal Parameter/Parameter

1. When there are two methods have the same name but different parameter lists within one class

CORRECT

Method Overloading

1. The value of the argument passed to the parameter when a method is invoked with an argument

INCORRECT

Scope of a Variable

THE ANSWER

Pass-By-Value

1. Sends the output to a file rather than displaying it on the console

CORRECT

Output Redirection

1. A predefined class in the Java library, not a primitive type, a reference type, also an object

CORRECT

String

1. A character data type used to represent a single character

INCORRECT

Iteration

THE ANSWER

Char type

1. similar to while loop; executes  
   the loop body first and then checks the loop-continuation-condition to  
   decide whether to continue or to terminate

CORRECT

Do-While Loop

1. Keywords such as public, static, and final

CORRECT

Modifier

1. Checks the loop-continuation-condition first. If the condition  
   is true, its body is executed; if it is false, it terminates

CORRECT

While Loop

1. Using a method without knowing how it is implemented

CORRECT

Information Hiding/Encapsulation

1. A special value that signifies the end of the loop

CORRECT

Sentinel Value

1. A group of statements to perform a specific task

CORRECT

Method

1. \\ (two backslashes)

CORRECT

Escape Sequence

1. A non-instant method that can be invoked without using an object

CORRECT

Static Method

1. The part of the loop that contains the statements to be repeated

INCORRECT

Nested Loop

THE ANSWER

Loop Body