

# Quizlet

NAME \_\_\_\_\_

## 46 Multiple choice questions

1. Immediately ends the innermost loop
  - A. Break Statement
  - B. Continue Statement
  - C. Iteration
  - D. Encoding Scheme
2. A technique of writing software where you gradually add error checking and functionality
  - A. Off-by-One Error (Loops)
  - B. String
  - C. Index
  - D. Divide-and-Conquer / Stepwise Refinement
3. When there are two methods have the same name but different parameter lists within one class
  - A. Method Abstraction
  - B. Ambiguous Invocation
  - C. Off-by-One Error (Arrays)
  - D. Method Overloading
4. Specifies how an item should be displayed, which may be a numeric value, character, Boolean value, or string. Begins with %
  - A. Format Specifier
  - B. Method Overloading
  - C. Pre-Test Loop
  - D. Do-While Loop
5. A predefined class in the Java library, not a primitive type, a reference type, also an object
  - A. Char type
  - B. String
  - C. Array
  - D. Encoding

6. The actual value that is passed into the method by a caller
  - A. Scope of a Variable
  - B. Method Abstraction
  - C. Sentinel Value
  - D. Actual Parameter/Argument
7. Only ends a current iteration
  - A. Instance Method
  - B. Break Statement
  - C. Continue Statement
  - D. Output Redirection
8. The value of the argument passed to the parameter when a method is invoked with an argument
  - A. Post-Test Loop
  - B. Pass-By-Value
  - C. Loop Body
  - D. Pre-Test Loop
9. Checks the loop-continuation-condition first. If the condition is true, its body is executed; if it is false, it terminates
  - A. For Loop
  - B. Post-Test Loop
  - C. While Loop
  - D. Nested Loop
10. The process of looking for a specific element in an array
  - A. Loop Body
  - B. Modifier
  - C. Nested Loop
  - D. Searching
11. When there are two or more possible matches for the invocation of a method, but the compiler is unable to determine the best match
  - A. Method Overloading
  - B. Ambiguous Invocation
  - C. Off-by-One Error (Arrays)
  - D. Anonymous Array

12. similar to while loop; executes

the loop body first and then checks the loop-continuation-condition to decide whether to continue or to terminate

- A. Post-Test Loop
- B. Infinite Loop
- C. While Loop
- D. Do-While Loop

13. A group of statements to perform a specific task

- A. Nested Loop
- B. Method
- C. Iteration
- D. Encoding

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

- A. Sentinel Value
- B. Instance Method
- C. Infinite Loop
- D. Static Method

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

- A. Indexed Variable
- B. Formal Parameter/Parameter
- C. Actual Parameter/Argument
- D. Off-by-One Error (Arrays)

16. 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

- A. While Loop
- B. Do-While Loop
- C. For Loop
- D. Loop Body

17. Keywords such as public, static, and final

- A. Infinite Loop
- B. Searching
- C. Encoding
- D. Modifier

18. A special value that signifies the end of the loop
- A. Static Method
  - B. Sentinel Value
  - C. Instance Method
  - D. Infinite Loop
19. A character data type used to represent a single character
- A. Iteration
  - B. Char type
  - C. Loop Body
  - D. Searching
20. \ (the backslash)
- A. Escape Character
  - B. Escape Sequence
  - C. Method Signature
  - D. Indexed Variable
21. Mapping a character to its binary representation
- A. String
  - B. Char type
  - C. Encoding
  - D. Searching
22. How characters are encoded
- A. Encoding Scheme
  - B. Escape Sequence
  - C. Anonymous Array
  - D. Indexed Variable
23. The part of the loop that contains the statements to be repeated
- A. Loop Body
  - B. Scope of a Variable
  - C. Searching
  - D. Nested Loop

24. A one-time execution of a loop body
- A. Indexed Variable
  - B. Iteration
  - C. Break Statement
  - D. Nested Loop
25. combines the declaration, creation, and initialization of an array in one statement
- A. Output Redirection
  - B. Array Initializer
  - C. Pass-By-Value
  - D. Format Specifier
26. Stores a fixed-size sequential collection of elements in the same type
- A. String
  - B. Loop
  - C. Array
  - D. Index
27. Executing a loop one more/less time accidentally
- A. Off-by-One Error (Loops)
  - B. Information Hiding/Encapsulation
  - C. Scope of a Variable
  - D. Actual Parameter/Argument
28. While & For Loops; the continuation condition is checked before the loop body is executed
- A. Pre-Test Loop
  - B. Do-While Loop
  - C. Pass-By-Value
  - D. While Loop
29. Using a method without knowing how it is implemented
- A. Encoding
  - B. Information Hiding/Encapsulation
  - C. Iteration
  - D. Off-by-One Error (Loops)

30. Do-While Loop; the condition is checked after the loop body is executed
- A. While Loop
  - B. Pass-By-Value
  - C. Post-Test Loop
  - D. Nested Loop
31. the variable inside the brackets, [ ]
- A. Formal Parameter/Parameter
  - B. Indexed Variable
  - C. Break Statement
  - D. Anonymous Array
32. An automatic memory management feature that is collected by the Java Virtual Machine
- A. Garbage Collection
  - B. Pass-By-Value
  - C. Method Overloading
  - D. Formal Parameter/Parameter
33. Consists of an outer loop and one or more inner loops
- A. Nested Loop
  - B. Pre-Test Loop
  - C. While Loop
  - D. Instance Method
34. When one references the first element in an array with index [ 1 ], but it should be [ 0 ]
- A. Formal Parameter/Parameter
  - B. Anonymous Array
  - C. Off-by-One Error (Arrays)
  - D. Method Overloading
35. When there is no explicit reference variable for an array
- A. Method Overloading
  - B. Scope of a Variable
  - C. Ambiguous Invocation
  - D. Anonymous Array

**36.** The method name and the parameter list

- A. Sentinel Value
- B. Method Signature
- C. Indexed Variable
- D. Scope of a Variable

**37.** The part of the program where the variable is accessible

- A. Scope of a Variable
- B. Method Abstraction
- C. Anonymous Array
- D. Loop Body

**38.** Only can be invoked from a specific string instance

- A. Sentinel Value
- B. Nested Loop
- C. Instance Method
- D. Static Method

**39.** A simple, incomplete version of a method

- A. Sentinel Value
- B. Stub
- C. Index
- D. String

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

- A. Loop
- B. Index
- C. While Loop
- D. Post-Test Loop

**41.** A loop statement that executes infinitely

- A. Infinite Loop
- B. Sentinel Value
- C. Static Method
- D. Nested Loop

42. \\ (two backslashes)
- A. Instance Method
  - B. Escape Sequence
  - C. Break Statement
  - D. Escape Character
43. Separating the use of a method from its implementation
- A. Method Overloading
  - B. Scope of a Variable
  - C. Output Redirection
  - D. Method Abstraction
44. The program takes the input from the file Input.TXT rather than having the user type the data from the keyword at runtime
- A. Scope of a Variable
  - B. Input Redirection
  - C. Format Specifier
  - D. Method Overloading
45. Sends the output to a file rather than displaying it on the console
- A. Input Redirection
  - B. Method Abstraction
  - C. Garbage Collection
  - D. Output Redirection
46. A numeric association to an element in a collection of data; the position of an object in an array
- A. Index
  - B. Stub
  - C. String
  - D. Array