

Quizlet

NAME _____

87 Multiple choice questions

85%

1. Bool

INCORRECT

✗ identifier

THE ANSWER

variable name

2. The part of a program where the variable can be referenced

CORRECT

✓ scope of a variable

3. method that is applied to objects of Scanner

CORRECT

✓ nextDouble

4. represents a computation involving values, variables, and operators that, taking them together, evaluates to a value

CORRECT

✓ expression

5. ++ placed after variable. uses original variable in expression then increases by 1

CORRECT

✓ postincrement

6. Similar to machine instructions, but can run on any platform with a JVM

CORRECT

✓ Bytecode

7. escape sequence

CORRECT

✓ \"

8. Evaluates an expression based on a condition (pg 103)

CORRECT

✓ Conditional Expression (?:)

9. translates a Java source file into a Java bytecode file

CORRECT

✓ compiler

10. int, real numbers, characters and booleans

CORRECT

✓ primitive data type

11. the kind of data stored in each variable

CORRECT

✓ data type

12. errors that cause a program to terminate early, an impossible operation is detected

CORRECT

✓ runtime error

13. =

CORRECT

✓ assignment operator

14. casting from a small type to a larger type, this is done manually

CORRECT

✓ widening (of types)

15. same as lazy operator - && or || (and, or)

CORRECT

✓ short circuit operator

16. uses a short descriptive word to represent each of the machine-language instructions

CORRECT

✓ Assembly Language

17. char

INCORRECT

✗ name of a type

THE ANSWER

name of type

18. translates source code into machine code

CORRECT

✓ interpreter

19. evaluates to the value to be assigned to a variable (=)

INCORRECT

✗ Augmented assignment operators

THE ANSWER

assignment statement

20. Variable

CORRECT

✓ identifier

21. ++ placed before variable. increases variable by one, then uses it in the expression

CORRECT

✓ preincrement

22. \n

CORRECT

✓ escape character

23. Binary digits

CORRECT

✓ Bit

24. statements that let you choose actions with alternative choices

INCORRECT

✗ scope of a variable

THE ANSWER

selection statement

25. determine the order in which operators are evaluated

CORRECT

✓ operator associativity

26. var++, + and -, casting, !, * / %, + - concaction, (See page 105)

INCORRECT

✗ scope of a variable

THE ANSWER

operator precedence

27. -- placed before variable. decreases variable by one, then uses it in the expression

CORRECT

✓ predecrement

28. int

CORRECT

✓ name of type

29. An expression that evaluates a Boolean value to be true or false

CORRECT

✓ Boolean Expression

30. If you try to store a value in a data type that cannot handle it.

CORRECT

✓ overflow

31. <, <=, ==, !=, >, >=

CORRECT

✓ Relational Operators (Boolean)

32. +, -, *, /, %

CORRECT

✓ operators

33. -- placed after variable. uses original variable in expression then decreases by 1

CORRECT

✓ postdecrement

34. --

CORRECT

✓ decrement operator

35. ++

CORRECT

✓ increment operator

36. imports all the classes in a package by using a * (**import java.util.*;**)

CORRECT

✓ wildcard import

37. Occurs when the user inputs a value the program cannot handle

CORRECT

✓ input error

38. using no breaks in a switch

CORRECT

✓ fall-through behavior

39. +=, -=, **=, /= and %= (i+= 8 is i = i + 8)

CORRECT

✓ Augmented assignment operators

40. checks the validity of a bytecode

CORRECT

✓ bytecode verifier

41. -names that refer to values or names - letters, digits, `_` and `$`.

-rules for creating a name in a program

CORRECT

✓ identifier

42. a class name in the system library that contains different java functions

CORRECT

✓ util

43. result from errors in code construction, such as misspellings, wrong punctuation, etc.

CORRECT

✓ syntax error

44. 3.14159E1

CORRECT

✓ floating point/pi

45. represents a value stored in the computers memory

CORRECT

✓ variable

46. ;

CORRECT

✓ statement terminator

47. !, &&, ||, ^

CORRECT

✓ boolean operators

48. denotes a value as a constant

INCORRECT

✗ final

THE ANSWER

final keyword

49. a device used to translate assembly-language programs into machine code

CORRECT

✓ Assembler

50. anything inside of a {xxxxxx}

CORRECT

✓ Block

51. -128 to 127

INCORRECT

✗ Byte

THE ANSWER

byte type

52. real numbers, decimal places, twice as precise as float

CORRECT

✓ double type

53. 8 bits to 1 byte

CORRECT

✓ Byte

54. 075

CORRECT

✓ octa integer

55. import

CORRECT

✓ directive

56. a high-level program's code

CORRECT

✓ source code/program

57. using the (+) sign to combine strings

CORRECT

✓ concatenate strings

58. the values operated on by a operator

CORRECT

✓ operands

59. an operation that converts a value of one data type into a value of another data type

CORRECT

✓ casting

60. Constant value directly in a program that stands for itself

CORRECT

✓ Literal

61. ?: for if statement shorthand

INCORRECT

✗ Conditional Expression (?:)

THE ANSWER

conditional operator

62. an environment for developing Java programs

CORRECT

✓ Integrated development environment

63. a constant value that appears directly in a program

CORRECT

✓ literal

64. a number in the program that never changes, denoted by "final"

CORRECT

✓ constant

65. Reserved words that have a specific meaning in java and cannot be used for variables

CORRECT

✓ keyword

66. a type

CORRECT

✓ String

67. consists of a set of separate programs, each invoked from a command line, for developing and testing Java programs

CORRECT

✓ Java Development Toolkit

68. import statement

CORRECT

✓ preprocessor

69. occurs when a program does not perform the way it was intended to

CORRECT

✓ logic error

70. abstract is a

CORRECT

✓ keyword

71. instructions for a high-level program

INCORRECT

✗ Bytecode

THE ANSWER

statement

72. on a program denoted by `//xxxxx` or `/*xxxx*/`

CORRECT

✓ comment

73. when else matches with the most recent if statement

CORRECT

✓ dangling else ambiguity

74. denotes names

INCORRECT

✗ literal

THE ANSWER

final

75. casting a data type from a large range to a smaller range - Java does this automatically

CORRECT

✓ narrowing (of types)

76. do, else, and break

CORRECT

✓ keywords

77. A library in Java that contains predefined classes and interfaces

CORRECT

✓ Application Program Interface (API)

78. scientific notation

INCORRECT

✗ floating-point number

THE ANSWER

Floating point

79. `/*XXXXXXXXXXXXX*/`

CORRECT

✓ Block Comment

80. input, process, output - describes simple code

CORRECT

✓ IPO

81. a very large int, more precise

CORRECT

✓ long type

82. 4thQtrSales

CORRECT

✓ illegal identifier

83. float

CORRECT

✓ name of a type

84. an exact number, 1, 4 or 10

INCORRECT

✗ Literal

THE ANSWER

int type

85. the amount of space between pixels, measured in millimeters

CORRECT

✓ dot pitch

86. Numbers with a decimal point (var double)

CORRECT

✓ floating-point number

87. can be true or false

INCORRECT

✗ boolean operators

THE ANSWER

Boolean Value