

87 Multiple choice questions

0

1. the values operated on by a operator

INCORRECT

✗ No answer given

THE ANSWER

operands

2. primitive data type

INCORRECT

✗ No answer given

THE ANSWER

int, real numbers, characters and booleans

3. name of a type

INCORRECT

✗ No answer given

THE ANSWER

float

4. postdecrement

INCORRECT

✗ No answer given

THE ANSWER

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

5. bytecode verifier

INCORRECT

✗ No answer given

THE ANSWER

checks the validity of a bytecode

6. double type

INCORRECT

✗ No answer given

THE ANSWER

real numbers, decimal places, twice as precise as float

7. 3.14159E1

INCORRECT

✗ No answer given

THE ANSWER

floating point/pi

8. literal

INCORRECT

✗ No answer given

THE ANSWER

a constant value that appears directly in a program

9. boolean operators

INCORRECT

✗ No answer given

THE ANSWER

!, &&, ||, ^

10. statements that let you choose actions with alternative choices

INCORRECT

✗ No answer given

THE ANSWER

selection statement

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

INCORRECT

✗ No answer given

THE ANSWER

widening (of types)

12. +, -, *, /, %

INCORRECT

✗ No answer given

THE ANSWER

operators

13. Block

INCORRECT

✗ No answer given

THE ANSWER

anything inside of a {xxxxxx}

14. Java Development Toolkit

INCORRECT

✗ No answer given

THE ANSWER

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

15. 4thQtrSales

INCORRECT

✗ No answer given

THE ANSWER

illegal identifier

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

INCORRECT

✗ No answer given

THE ANSWER

Literal

17. Assembly Language

INCORRECT

✗ No answer given

THE ANSWER

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

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

INCORRECT

✗ No answer given

THE ANSWER

Augmented assignment operators

19. input error

INCORRECT

✗ No answer given

THE ANSWER

Occurs when the user inputs a value the program cannot handle

20. escape character

INCORRECT

✗ No answer given

THE ANSWER

\n

21. decrement operator

INCORRECT

✗ No answer given

THE ANSWER

--

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

INCORRECT

✗ No answer given

THE ANSWER

Conditional Expression (?:)

23. postincrement

INCORRECT

✗ No answer given

THE ANSWER

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

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

INCORRECT

✗ No answer given

THE ANSWER

logic error

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

INCORRECT

✗ No answer given

THE ANSWER

constant

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

INCORRECT

✗ No answer given

THE ANSWER

overflow

27. util

INCORRECT

✗ No answer given

THE ANSWER

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

28. translates source code into machine code

INCORRECT

✗ No answer given

THE ANSWER

interpreter

29. a type

INCORRECT

✗ No answer given

THE ANSWER

String

30. name of type

INCORRECT

✗ No answer given

THE ANSWER

char

31. conditional operator

INCORRECT

✗ No answer given

THE ANSWER

? : for if statement shorthand

32. Integrated development environment

INCORRECT

✗ No answer given

THE ANSWER

an environment for developing Java programs

33. operator associativity

INCORRECT

✗ No answer given

THE ANSWER

determine the order in which operators are evaluated

34. variable name

INCORRECT

✗ No answer given

THE ANSWER

Bool

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

INCORRECT

✗ No answer given

THE ANSWER

compiler

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

INCORRECT

✗ No answer given

THE ANSWER

Assembler

37. assignment operator

INCORRECT

✗ No answer given

THE ANSWER

=

38. Boolean Expression

INCORRECT

✗ No answer given

THE ANSWER

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

39. int type

INCORRECT

✗ No answer given

THE ANSWER

an exact number, 1, 4 or 10

40. abstract is a

INCORRECT

✗ No answer given

THE ANSWER

keyword

41. escape sequence

INCORRECT

✗ No answer given

THE ANSWER

\"

42. wildcard import

INCORRECT

✗ No answer given

THE ANSWER

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

43. dangling else ambiguity

INCORRECT

✗ No answer given

THE ANSWER

when else matches with the most recent if statement

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

INCORRECT

✗ No answer given

THE ANSWER

scope of a variable

45. floating-point number

INCORRECT

✗ No answer given

THE ANSWER

Numbers with a decimal point (var double)

46. using no breaks in a switch

INCORRECT

✗ No answer given

THE ANSWER

fall-through behavior

47. final

INCORRECT

✗ No answer given

THE ANSWER

denotes names

48. keywords

INCORRECT

✗ No answer given

THE ANSWER

do, else, and break

49. method that is applied to objects of Scanner

INCORRECT

✗ No answer given

THE ANSWER

nextDouble

50. Variable

INCORRECT

✗ No answer given

THE ANSWER

identifier

51. Boolean Value

INCORRECT

✗ No answer given

THE ANSWER

can be true or false

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

INCORRECT

✗ No answer given

THE ANSWER

syntax error

53. Floating point

INCORRECT

✗ No answer given

THE ANSWER

scientific notation

54. casting

INCORRECT

✗ No answer given

THE ANSWER

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

55. instructions for a high-level program

INCORRECT

✗ No answer given

THE ANSWER

statement

56. import statement

INCORRECT

✗ No answer given

THE ANSWER

preprocessor

57. the kind of data stored in each variable

INCORRECT

✗ No answer given

THE ANSWER

data type

58. comment

INCORRECT

✗ No answer given

THE ANSWER

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

59. import

INCORRECT

✗ No answer given

THE ANSWER

directive

60. Block Comment

INCORRECT

✗ No answer given

THE ANSWER

`/*XXXXXXXXXXXXXXXX*/`

61. using the (+) sign to combine strings

INCORRECT

✗ No answer given

THE ANSWER

concatenate strings

62. expression

INCORRECT

✗ No answer given

THE ANSWER

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

63. narrowing (of types)

INCORRECT

✗ No answer given

THE ANSWER

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

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

INCORRECT

✗ No answer given

THE ANSWER

runtime error

65. 075

INCORRECT

✗ No answer given

THE ANSWER

octa integer

66. IPO

INCORRECT

✗ No answer given

THE ANSWER

input, process, output - describes simple code

67. source code/program

INCORRECT

✗ No answer given

THE ANSWER

a high-level program's code

68. Application Program Interface (API)

INCORRECT

✗ No answer given

THE ANSWER

A library in Java that contains predefined classes and interfaces

69. assignment statement

INCORRECT

✗ No answer given

THE ANSWER

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

70. a very large int, more precise

INCORRECT

✗ No answer given

THE ANSWER

long type

71. denotes a value as a constant

INCORRECT

✗ No answer given

THE ANSWER

final keyword

72. short circuit operator

INCORRECT

✗ No answer given

THE ANSWER

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

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

INCORRECT

✗ No answer given

THE ANSWER

operator precedence

74. ;

INCORRECT

✗ No answer given

THE ANSWER

statement terminator

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

INCORRECT

✗ No answer given

THE ANSWER

Bytecode

76. Bit

INCORRECT

✗ No answer given

THE ANSWER

Binary digits

77. represents a value stored in the computers memory

INCORRECT

✗ No answer given

THE ANSWER

variable

78. dot pitch

INCORRECT

✗ No answer given

THE ANSWER

the amount of space between pixels, measured in millimeters

79. ++

INCORRECT

✗ No answer given

THE ANSWER

increment operator

80. identifier

INCORRECT

✗ No answer given

THE ANSWER

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

-rules for creating a name in a program

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

INCORRECT

✗ No answer given

THE ANSWER

predecrement

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

INCORRECT

✗ No answer given

THE ANSWER

preincrement

83. 8 bits to 1 byte

INCORRECT

✗ No answer given

THE ANSWER

Byte

84. keyword

INCORRECT

✗ No answer given

THE ANSWER

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

85. -128 to 127

INCORRECT

✗ No answer given

THE ANSWER

byte type

86. Relational Operators (Boolean)

INCORRECT

✗ No answer given

THE ANSWER

<, <=, ==, !=, >, >=

87. int

INCORRECT

✗ No answer given

THE ANSWER

name of type