Java Programming 9th Edition Farrell Solutions Manual

Full Download: https://alibabadownload.com/product/java-programming-9th-edition-farrell-solutions-manual/

Review Questions

- 1. When data cannot be changed after a class is compiled, the data is ______.
 - a. variable
 - b. constant
 - c. volatile
 - d. mutable
- 2. Which of the following is not a primitive data type in Java?
 - a. boolean
 - b. byte
 - <mark>c. sector</mark>
 - d. int
- 3. Which of the following elements is not required in a variable declaration?
 - a. a type
 - b. an identifier
 - c. an assigned value
 - d. a semicolon
- 4. The assignment operator in Java is _____.
 - a. =
 - b. ==
 - c. :=
 - d. ::
- 5. Assuming you have declared shoeSize to be a variable of type int, which of the following is a valid assignment statement in Java?

<mark>a. shoeSize = 9;</mark>

- b. shoeSize = 9.5;
- c. shoeSize = "nine";
- d. Two of the above are valid.
- 6. Which of the following data types can store the value 0 using the least amount of memory?
 - a. short
 - b. long
 - c. int
 - <mark>d.</mark> byte
- 7. A boolean variable can hold _____.
 - a. any character
 - b. any whole number
 - c. any decimal number
 - d. the value true or false

8. The value 137.68 can be held by a variable of type _____.

- a. int
- b. float
- c. double
- d. Two of these are correct.
- 9. An escape sequence always begins with a(n) _____.
 - a. e
 - b. forward slash
 - c. backslash

- d. equal sign
- 10. Which Java statement produces w on one line and xyz on the next line?
 - a. System.out.println(``wxyz");
 - b. System.out.println("w" + "xyz");
 - c. System.out.println(``w\nxyz");
 - d. System.out.println(``w\nx\ny\nz");
- 11. The remainder operator ______.
 - a. is represented by a forward slash
 - b. must follow a division operation
 - c. provides the quotient of integer division
 - d. is none of the above
- 12. According to the rules of operator precedence, when division occurs in the same arithmetic

statement as _____, the division operation always takes place first.

- a. multiplication
- b. remainder
- c. subtraction
- d. Answers a and b are correct.
- 13. The *equal to* relational operator is _____.

a.	=
b.	

- c. !=
- d. !!
- 14. When you perform arithmetic with values of diverse types, Java ______.

- a. issues an error message
- b. implicitly converts the values to a unifying type
- c. requires you to explicitly convert the values to a unifying type
- d. implicitly converts the values to the type of the first operand
- 15. If you attempt to add a float, an int, and a byte, the result will be a(n) _____.
 - <mark>a.</mark> float
 - b. int
 - c. byte
 - b. error message
- 16. You use a ______ to explicitly override an implicit type.
 - a. mistake
 - b. type cast
 - c. format
 - d. type set
- 17. In Java, what is the value of 3 + 7 * 4 + 2?
 - a. 21
 - <mark>b. 33</mark>
 - c. 42
 - d. 48
- 18. Which assignment is correct in Java?

a. int value = (float) 4.5; b. float value = 4 (double); c. double value = 2.12;

Java Programming 9th Edition Farrell Solutions Manual

Full Download: https://alibabadownload.com/product/java-programming-9th-edition-farrell-solutions-manual/

- d. char value = 5c;
- 19. Which assignment is correct in Java?
 - a. double money = 12;
 - **b.** double money = 12.0;
 - c. double money = 12.0d;
 - d. All of the above are correct.
- 20. Which assignment is correct in Java?
 - a. char aChar = 5.5;
 - b. char aChar = "W";
 - c. char aChar = '*';
 - d. Two of these are correct