

45 Matching questions

1. _____ What primitive data are included in the AP Java subset?
(4)
 2. _____ variables describe the data for the inputs to a method
 3. _____ A method header with the keyword "void" means that the method has no...
 4. _____ The _____ of the class provide behaviors exhibited by an object and the operations that manipulate the object
 5. _____ The two kinds of loops we have studied so far are....
 6. _____ A(n) _____ method accesses a class object without altering the object
 7. _____ What will be the output of the following statement?

System.out.println(5 + 3 < 6 - 1);
 8. _____ True or false: identifiers for constants should have all capital letters.
 9. _____ What kind of error is also known as a syntax error?
 10. _____ What is the concatenation operator?
 11. _____ Provide code to find a random integer in the range [0,99].
 12. _____ What is a logic error?
 13. _____ A(n) _____ method changes the state of an object by modifying at least one of its instance variables.
 14. _____ AP CS A concerns _____-_____ programming.
 15. _____ Assigning a double to an int will cause a(n)...
 16. _____ What four Math methods are necessary to know for the exam?
- A. public
 - B. constructor
 - C. source files
 - D. parameter
 - E. the "for" loop and the "while" loop
 - F. the class
 - G. mutator
 - H. digit
 - I. abs, pow, sqrt, and random
 - J. object
 - K. methods
 - L. letters, digits, and underscores
 - M. when the program compiles and runs but the result is wrong
 - N. return value
 - O. a precise step-by-step procedure that solves a problem or achieves a goal
 - P. a condition that is true immediately after the execution of code
 - Q. relational
 - R. according to their position in the ASCII chart, or lexicographical order
 - S. `6 * Math.random()`;
 - T. compiler

17. ____ What kind of error would describe an infinite loop? **U. identifier**
18. ____ Provide code to find a random real value in the range [4.0,6.0). **V. private**
W. 2 * Math.random() + 4
19. ____ What is a postcondition? **X. local**
20. ____ ____ operators are applied to boolean expressions to form compound boolean expressions. **Y. (int) (Math.random() * 100)**
Z. int, boolean, double, char
21. ____ A ____ converts source code into a machine readable form. **AA. main**
22. ____ The java files that comprise your program are called... **AB. a run-time error**
23. ____ A constructor's name or identifiers is always the same as... **AC. accessor**
AD. object-oriented
24. ____ What is the best case for Binary Search? **AE. the order in which a word appears in the dictionary**
25. ____ The ____ method must always be static, and is where we write many of our programs in this course! **AF. block**
26. ____ Identifiers may not begin with a... **AG. true**
27. ____ The variables used to define the characteristics or attributes of an object are known as ____ variables **AH. instance**
AI. default or "no-args"
28. ____ What does lexicographical order mean? **AJ. if the key is right in the middle**
29. ____ What is an algorithm? **AK. a condition that is true immediately before execution of code**
30. ____ The keyword ____ signals that data or methods are NOT usable outside the class. **AL. +**
31. ____ A ____ is a name for a variable, parameter, constant, user-defined method, or user-defined class **AM. logical**
AN. a compile-time error
32. ____ A(n) ____ constructor has no arguments. **AO. false**
33. ____ The keyword ____ is used for methods that do not require object instantiation in order to be executed. **AP. compound assignment**
34. ____ A ____ is a piece of code enclosed in a {} pair. **AQ. class**
35. ____ All Java methods must be contained in a... **AR. static**
36. ____ An identifier may use... **AS. compile-time error**

37. _____ operators are used in boolean expressions.
38. _____ A(n) _____ creates an objects of the class.
39. _____ What is a precondition?
40. _____ Operators such as +=, =, -=, and /= are known as _____ operators.
41. _____ Provide code to find a random real value in the range [0.0,6.0).
42. _____ A(n) _____ variable is defined inside a method, and only accessible within that method defintion.
43. _____ The keyword _____ signals that the class or method is accessible outside the class.
44. _____ How does the compareTo method compare Strings?
45. _____ A(n) _____ is a single instance of a class.