

# Quizlet

NAME ANSWER  
KEY

## 45 Matching questions

1. Z What primitive data are included in the AP Java subset?  
(4)
  - 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
2. P \_\_\_\_\_ variables describe the data for the inputs to a method
3. N A method header with the keyword "void" means that the method has no...
4. K The \_\_\_\_\_ of the class provide behaviors exhibited by an object and the operations that manipulate the object
5. E The two kinds of loops we have studied so far are....
6. AC A(n) \_\_\_\_\_ method accesses a class object without altering the object
7. AO What will be the output of the following statement?  
`System.out.println( 5 + 3 < 6 - 1 );`
8. AG True or false: identifiers for constants should have all capital letters.
9. AN What kind of error is also known as a syntax error?
10. AL What is the concatenation operator?
11. Y Provide code to find a random integer in the range [0,99].
12. M What is a logic error?
13. G A(n) \_\_\_\_\_ method changes the state of an object by modifying at least one of its instance variables.
14. AD AP CS A concerns \_\_\_\_\_-\_\_\_\_\_ programming.
15. AS Assigning a double to an int will cause a(n)...
16. I What four Math methods are necessary to know for the exam?

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

37. Q \_\_\_\_\_ operators are used in boolean expressions.

38. B A(n) \_\_\_\_\_ creates an objects of the class.

39. AK What is a precondition?

40. AP Operators such as +=, =, -=, and /= are known as \_\_\_\_\_ operators.

41. S Provide code to find a random real value in the range [0.0,6.0).

42. X A(n) \_\_\_\_\_ variable is defined inside a method, and only accessible within that method defintion.

43. A The keyword \_\_\_\_\_ signals that the class or method is accessible outside the class.

44. R How does the compareTo method compare Strings?

45. J A(n) \_\_\_\_\_ is a single instance of a class.