## Quick Quizzes:

1. \_\_\_\_\_\_ are the rules for combining words into statements.

**Answer:** Syntax

1. \_\_\_\_\_\_ define the rules for interpreting the meaning of statements.

**Answer:** Semantics

1. Programming languages differ from natural languages in which three ways?

**Answer:** size, rigidity, literalness

## 2.Quick Quizzes:

1. The \_\_\_\_\_\_\_\_\_\_ data type represents whole numbers in Java.

**Answer:** int

1. A(n) \_\_\_\_\_\_\_\_\_\_ is an item whose values do not change.

**Answer:** literal

1. True or False? The expression 5 / 2 yields 2.5.

**Answer:** False. The yield is 2. The fraction is dropped.

1. The \_\_\_\_\_\_\_\_\_\_ technique allows one data type to be converted to another.

**Answer:**  casting

1. True or False? An object can respond to a message only if its class implements a corresponding method.

**Answer:** True

1. A(n) \_\_\_\_\_\_\_\_\_\_ makes it easy for programmers to share code.

**Answer:** Packet

1. The Scanner method for reading lines of text is called \_\_\_\_\_\_\_\_\_\_.

**Answer:** nextLine

1. Which Scanner method ignores leading blank spaces?

A. nextLine

B. nextInt

**Answer:** B

1. The \_\_\_\_\_\_\_\_\_\_ symbol marks the end of a multiline comment.

**Answer:** \*/

1. The \_\_\_\_\_\_\_\_\_\_ symbol marks the beginning of an end-of-line comment.

**Answer:** //

1. A logic error is caught by the \_\_\_\_\_\_\_\_\_\_.

**Answer:** computer

1. True or False? Syntax errors are easier to detect than logic errors.

**Answer:** True

1. Discussion Questions:
   1. Discuss the different responses by the JVM to the division by integer and floating-point zeroes.
   2. Bring in articles, or ask students to research some of the famous bugs in computer history.

## Quick Quizzes:

1. What should a debugging output statement display?

**Answer:** It should display the value of a variable that might have been incorrectly computed, near the point in the program where the suspected error lies.

1. A \_\_\_\_\_\_\_\_\_\_ object recognizes messages to draw text and shapes.

A. frame

B. panel

C. graphics

**Answer:** C

1. A panel’s \_\_\_\_\_\_\_\_\_\_ method is automatically run by the JVM when its window is refreshed.

**Answer:** paintComponent

1. True or False? In Java’s coordinate system, the screen quadrant extends down and to the right from the origin.

**Answer:** True