

Lesson 7 Quiz

Your grade is determined by your last attempt.

1. Which of these is the correct format for Java's do loop?

- A. while (<boolean expression>) do <body>
- B. do <body> while (<boolean expression>);
- C. do <body> (<boolean expression>)
- D. do while (<boolean expression>) <body>

2. Which of the following is the correct format for a while loop?

- A. while (<boolean expression>) <body>
- B. do <body> while (<boolean expression>);
- C. while (<boolean expression>) do <body>
- D. <body> while (<boolean expression>)

3. What's the difference between Java's do loop and its while loop?

- A. There's no difference in their execution. They both work the same and are provided for backward compatibility.
- B. The do loop tests its condition before running the loop, and the while loop checks it after. The while loop always executes the code in the loop at least once.
- C. The while loop repeats as long as its condition is true, and the do loop repeats until its condition is true. Both execute the code in the loop at least once.
- D. The while loop tests its condition before running the loop, and the do loop checks it after. The do loop always executes the code in the loop at least once.

4. How do you get a Scanner object to tell you whether there's a certain type of data to read in the input stream before you try to read it?

- A. Scanner skips incompatible data while looking for the type you want.
- B. Read the text into a String object, and then convert it to any other type.
- C. Use one of Scanner's hasNext methods.
- D. Try to read the data, and then deal with the error if the input data is the wrong type.

5. Why do programmers sometimes set boolean variables in a loop instead of just checking conditions?

- A. To make the code clearer and easier to read when there's a large number of conditions.
- B. Programmers should never use a boolean variable where a condition can be checked.
- C. Because conditions must be boolean variables.
- D. Because a boolean variable is always involved when converting a logical condition to a boolean value.

