Instructions: This quiz is to be taken in silence, without notes, books, or electronic devices (including "smart" watches or earbuds). The time limit to complete it is **20 minutes**. Answer the following questions, trying to be as clear and as accurate as possible. Take your time to read the statements carefully before trying to answer them. If you need more space, write on the back of your test page and indicate it clearly. When writing code, make sure your special punctuation characters are legible, and your lowercase and uppercase letters are easy to distinguish. As usual, every statement or series of statement is assumed to be in a valid class and method, e.g., there is no need to write the `Main` method header for example.

_____ **/ 5 pts.**   **Question 1** Write a complete class named `InventoryItem` that has fields (or attributes) for a product's name and price. The class should have a constructor, a `ToString()` method, as well as appropriate accessor and mutator (e.g. getter and setter) methods. Make sure you use the appropriate datatypes, but do not perform input validation.

_____ **/ 5 pts.**   **Question 2** Answer the following short questions.

1. What are the possible values of a Boolean variable?

2. What is the data type returned for the following operation: `12.03 * 2`?

3. What is the name of a constructor method for a class?

4. Write a condition that evaluates to **true** if a variable named `age` is between 18 and 65 (both included).

___ / 5 pts.   **Question 3** Assume you are given two arrays of characters of the same size. One array (`solution`) contains the correct answers to questions of an exam. The other array (`attempt`) contains a person's answers. Write a piece of code that displays the number of correct answers. For example, for the following two arrays, your program should display "7".

solution	'D'	'A'	'C'	'E'	'A'	'B'	'B'	'A'	'C'
attempt	'A'	'A'	'D'	'E'	'A'	'B'	'B'	'A'	'C'
Correct?	✗	✓	✗	✓	✓	✓	✓	✓	✓