



COURSE	<i>Computer Science : Programming with a Purpose</i>
LESSON	<i>Basic Programming Concepts</i>
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MODULE 01 - GRADED ASSIGNMENT

1. Of the following, which best describes a *variable*?

- A name that refers to a value
- A name that refers to a literal
- A programming-language representation of a type
- A programming-language representation of a value
- A statement that associates a variable with a type
- A statement that associates a value with a variable
- A statement that associates a type with a value
- None of the above

2. True or false: In Java, it is necessary to declare the types of variables.

- True
- False

3. Which of the following expressions produce a value of type int? Mark all that apply.

- $2 + 2$
- `Integer.parseInt("2")`
- $2 + 2.0$
- $7 / 3$
- $11 * (\text{int}) 0.25$

4. What does this statement print?

```
System.out.println(5 + "bc");
```

```
>>> 5bc
```