Expressions and Variables

---

1. What is the result of the following code segment:**1/2**

   1 / 1 point

   - ⦿ 0.5
   - ◯ 0

   > ✓ **Correct**
   > correct a **/** corresponds to regular division

2. What is the value of x after the following lines of code:

   1 / 1 point

   x=2

   x=x+2

   - ⦿ 4
   - ◯ 2

   > ✓ **Correct**
   > Correct: the value x=x+2 changes the value of x, if x is assigned to its self. It's helpful to replace the value of x with its current value in this case 2 or x=2+2.

3. What is the result of the following operation 1+3*2?

   1 / 1 point

   - ⦿ 7
   - ◯ 12
   - ◯ 8

   > ✓ **Correct**
   > correct, Python follows the standard mathematical conventions

4. In Python 3, what is the type of the variable x after the following: **x=1/1**

   1 / 1 point

   - ⦿ float
   - ◯ int

   > ✓ **Correct**
   > correct, in Python 3, regular division always results in a float