Expressions and Variables

LATEST SUBMISSION GRADE
100%

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

   ○ 0.5

   ◉ 0

   ✓ **Correct**
   correct // corresponds to integer division

2. What is the value of x after the following lines of code: `1 / 1 point`

   x=1

   x=x+1

   ○ 1

   ◉ 2

   ○ 4

   ✓ **Correct**
   Correct: the value x=x+1 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 1 or x=1+1.

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=2/2   `1 / 1 point`

   ◉ float

   ○ int

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