

# 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 `a /` corresponds to regular 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 = 1 / 1`.

1 / 1 point

☒ float

☐ int



**Correct**

correct, in Python 3, regular division always results in a float