

✓ Congratulations! You passed!

Grade  
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Latest Submission  
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To pass 66% or  
higher

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1. 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`.

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

1 / 1 point

☐ 3

☒ 7

☐ 9

✓ Correct

Correct, Python follows the standard mathematical conventions

3. What is the result of the following code segment: `type(int(12.3))`

1 / 1 point

☐ float

☐ str

☒ int

✓ Correct

correct, in this code, we first cast or convert the float to an integer, then use the `type` function to determine the type

4. What is the result of the following code segment: `int(True)`

1 / 1 point

☒ 1

☐ 0

☐ error

✓ Correct

correct, when you cast a boolean `True` to an integer you get a 1

5. In Python, what is the result of the following operation: `'1'+'2'` ?

1 / 1 point

☐ 3

☐ '3'

☒ '12'

✓ Correct

correct, the `'+'` applied to strings does not add strings but concatenates them

6. Given `myvar = 'hello'`, how would you return `myvar` as uppercase?

1 / 1 point

☐ `len(myvar)`

☐ `myvar.find('hello')`

☒ `myvar.upper()`

✓ Correct

correct

7. What is the result of the following : `str(1)+str(1)` ?

1 / 1 point

☒ '11'

☐ 2

✓ Correct

correct, the integers are cast to a string, and the strings are concatenated

8. What is the result of the following: `"123".replace("12", "ab")` ?

1 / 1 point

- ☒ 'ab3'
- ☐ '123ab'

✓ **Correct**

correct, the method replace returns a copy of the string with all occurrences of the old substring

9. 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

