



Congratulations! You passed!

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Module 1 Graded Quiz

LATEST SUBMISSION GRADE

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1. 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`.

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 type of the following `"7.1"`

1 / 1 point

☐ What is the type of the following `"7.1"`

☐ float

☒ string



Correct

correct, the type is string

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

1 / 1 point

☐ 1

☒ 0

☐ error



Correct

correct, when you cast a boolean **False** to an integer you get a 0

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. What is the result of the following: `'hello'.upper()` ?

1 / 1 point

- ☒ 'HELLO'
- ☐ 'Hello'
- ☐ 'hello'

✓ **Correct**

correct, upper returns a copy of the string in which all case-based characters have been converted to uppercase.

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: `"ABC".replace("AB", "ab")` ?

1 / 1 point

- ☒ 'abC'
- ☐ 'ABc'

✓ **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