Module 1 Graded Quiz

Latest Submission Grade 100%

1.
Question 1

What is the value of x after the following lines of code?

x=2

x=x+2

1 / 1 point

⦿

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.
Question 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.
Question 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.
Question 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.
Question 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.
Question 6

Given **myvar = 'hello'** , how would you return **myvar** as uppercase?

1 / 1 point

◯

len(myvar)

◯

myvar.find('hello')

◉

myvar.upper()

Correct

correct

7.

Question 7

What is the result of the following **: str(1+1)** ?

1 / 1 point

◉

'2'

○

'11'

Correct

correct, the argument is first evaluated 1+1=2, then the result is cast to a string.

8.

Question 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.

Question 9

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