Dashboard / My courses / In20-S1-CS1033 (113946) / Week 3 [17/08/2021] / Quiz 1

Started on	Thursday, 19 August 2021, 5:29 PM
State	Finished
Completed on	Thursday, 19 August 2021, 5:37 PM
Time taken	8 mins 3 secs
Grade	**10.00** out of 10.00 (**100**%)

Question **1**

Correct

Mark 1.00 out of 1.00

What will be the output of the following code?

        type(100/4*int('1000'))

- a. <class 'int'>
- b. <class 'str'>
- ◉ c. <class 'float'>   ✔
- d. None of the above

Your answer is correct.

The correct answer is:
<class 'float'>

Question **2**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code?

        print((10/5)**len("Moratuwa")-1)

- a. 255
- ◉ b. 255.0   ✔
- c. '255'
- d. None of the above

Your answer is correct.

The correct answer is:
255.0

Question **3**

Correct

Mark 1.00 out of 1.00

Consider the following Python code.

    a = b = 8

    c, d = 8, 8

Which of the following is **correct** about the code above?

- a.   1 integer object is created   ✔

- b.   2 integer objects are created

- c.   More than 2 integer objects are created

- d.   None of the above

Your answer is correct.

The correct answer is:
1 integer object is created

Question **4**

Correct

Mark 1.00 out of 1.00

Consider the following Python code.

    x = "abc" + "3"

    y = x + str(float(4))

Which of the following is correct about the above 2 lines of code?

- a.   The second line has an error; there is no other error.

- b.   The first and second lines have errors.

- c.   Code will be executed without any problem.   ✔

- d.   The first line has an error; there is no other error.

Your answer is correct.

The correct answer is:
Code will be executed without any problem.

Question **5**

Correct

Mark 1.00 out of 1.00

Consider the following Python code.

firstVar = 4

2ndVar = 3 + firstVAR

Which of the following is correct about the above?

○ a.   The second line has one error, on the left of the equal sign

○ b.   Code will be executed; the result of the second line is an integer with value 7

◉ c.   The second line has two errors, on the right and left of the equal sign   ✔

○ d.   The second line has one error, on the right of the equal sign

Your answer is correct.

The correct answer is:
The second line has two errors, on the right and left of the equal sign

Question **6**

Correct

Mark 1.00 out of 1.00

The interpretation of a program in a high-level language is faster than executing the program in machine code obtained by compilation.

Select one:
○ True
◉ False ✔

The correct answer is 'False'.

Question **7**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code?

2j * (3 + 4j)

○ a.   (10j)

◉ b.   (-8 + 6j)   ✔

○ c.   An error message

○ d.   None of the above

Your answer is correct.

The correct answer is:
(-8 + 6j)

Question **8**

Correct

Mark 1.00 out of 1.00

Which of the following is/are correct about Python objects?

I. The type of some objects can change.

II. The value of some objects can change.

III. An object can have multiple names.

○ a.   All

◉ b.   II and III only   ✔

○ c.   II only

○ d.   I only

Your answer is correct.

The correct answer is:
II and III only

Question **9**

Correct

Mark 1.00 out of 1.00

Consider the following Python code.

    x = "abcd"

    x[1] = "B"

x will be "aBcd" after the above two lines are executed.

Select one:

○ True

◉ False ✔

The correct answer is 'False'.

Question **10**

Correct

Mark 1.00 out of 1.00

Violation of grammar rules of the Python language in a Python program will result in .... errors.

Answer: | syntax | ✔

The correct answer is: syntax

◄ Lecture 2 Slides and Recordings

| Jump to... |

Forum on this week's Lecture, Quiz ►