



Lesson 2 > Lesson 2

Assignment 1 Part 1



In this assignment, you need to go through the course **Introduction to Python Programming** and finalize all the requirements. Then, answer **ALL** the questions below.



1. What will be the output of the following program on execution?

```
a=0
b=5
x=(a&b)|(a&a)|(a|b)
print("x")
```

- ☐ 1
- ☐ 5
- ☐ 0
- ☒ None of the Above

2. Which of the following statements are correct?

- i. Python is a high level programming language.
- ii. Python is an interpreted language.
- iii. Python is a compiled language.
- iv. Python program is compiled before it is interpreted.



- ☐ i, ii
- ☒ i, iv
- ☐ i, iii
- ☐ ii, iv



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33%

3. Which of the following is incorrect variable name in Python?

- ☐ variable_1
- ☐ variable1
- ☐ 1variable
- ☒ 1variable

4. Which of the following is not a relational operator in Python?

- ☐ >=
- ☐ <=
- ☐ =
- ☒ 1=

5. If str1="Programming Language"

What does str1.find("m") return?

You can add an optional tip or note related to the prompt like this.

- ☐ Number of occurrences of "m" in string str1.
- ☒ Index positions of "m" in the string str1.
- ☐ It returns the whole string str1 if it contains "m".
- ☐ It returns the index position of first occurrence of "m" in the string str1.

6. Which of the following two will give the same result?

- i. 42//2
- ii. 21%6
- iii. 12/4
- iv. 11*2



- ☒ ii, iii
- ☐ i, iii
- ☐ ii, iv
- ☐ iii, iv



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7. Which of the following would give "Harry" as output?^{33%}

Given str1="Mary,Harry,John,Sam"

- ☐ str1[4:9]
- ☒ str1[5:10]
- ☐ str1[4:10]
- ☐ str1[5:9]

8. What is the output of the following program : print((1, 2) + (3, 4))

- ☐ (1, 2), (3, 4)
- ☐ (4, 6)
- ☒ (1, 2, 3, 4)
- ☐ Invalid Syntax

9. Python is written in which language?

- ☒ C
- ☐ C++
- ☐ Java
- ☐ None of the above

10. Which of the following statements is true?

- ☐ Python is a high level programming language.
- ☐ Python is an interpreted language.
- ☐ Python is an object-oriented language
- ☒ All of the above

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11. In Python, a variable must be declared before it is assigned a value.

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13. Consider the variables a and b. Values of a and b are 280 and 15 respectively. The operation that will return a remainder is:

- ☐ a/b
- ☐ a%b
- ☐ a**b
- ☐ a*b

14. Which characteristics not describe the Python programming language?

- ☐ It is a compiled language
- ☐ It is an open source language
- ☐ It is an interpreted language
- ☒ It is an assembly language

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15. Which of the following is a correct variable name/s in Python?

- ☐ _a
- ☐ __1
- ☒ Both are correct
- ☐ None of the above

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16. What is the output of this expression in Python, 3*1**3?



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 (/unitar/courses/2023-01-itim5113-big-data-analytics-programming/l1_assignment_1_instructions/?cl=1&moduleSet=Lesson%204) ☐ 1

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17. Python is a case-sensitive language. 33%

Lesson 5 ☒ True
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18. Which of the following is not a keyword in Python?

yield

Lesson 6 ☒ add
 (/unitar/courses/2023-01-itim5113-big-data-analytics-programming/l1_assignment_1_instructions/?cl=1&moduleSet=Lesson%206) ☐ global
 (/unitar/courses/2023-01-itim5113-big-data-analytics-programming/l1_assignment_1_instructions/?cl=1&moduleSet=Lesson%206) ☐ elif

19. What would be the value of variable y if the following set of instructions are executed?

x=4.5
 y=int(x)

4
 5
 4.5
 Lesson 7 ☐ None of the above
 (/unitar/courses/2023-01-itim5113-big-data-analytics-programming/l1_assignment_1_instructions/?cl=1&moduleSet=Lesson%207) ☒ Guido van Rossum
 (/unitar/courses/2023-01-itim5113-big-data-analytics-programming/l1_assignment_1_instructions/?cl=1&moduleSet=Lesson%207) ☐ Jhon McCarthy
 (/unitar/courses/2023-01-itim5113-big-data-analytics-programming/l1_assignment_1_instructions/?cl=1&moduleSet=Lesson%207) ☐ Arthur Samuel
 (/unitar/courses/2023-01-itim5113-big-data-analytics-programming/l1_assignment_1_instructions/?cl=1&moduleSet=Lesson%207) ☐ Marvin Minsky

20. Who created python?

21. Python is ____ ?

Scheduled Classes
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- ☒ Dynamic, High level data structure, Interpreted
- ☐ Static, High level data structure, Interpreted
- ☐ Static, object oriented, Interpreted
- ☐ Static, procedure based

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22. Select the correct statement about Anaconda python ____ ?
- ☐ To run python script on java platform
 - ☐ It acts bridge btw python script and ruby program
 - ☐ Compile on C language
 - ☒ Handles large scale data processing

23. Select the proper PEP8 style naming convention for class?

- ☐ Decisiontreeregression
- ☐ Decision_tree_regression
- ☐ DECISION TREE REGRESSION
- ☒ DecisionTreeRegression

24. Select the invalid variable naming convention?

- ☐ country_name_1
- ☐ countryName1
- ☐ country1name
- ☒ 1countryname

25. 'Hello Developers'[1] returns__?

- ☒ 'e'
- ☐ 'l'
- ☐ 'd'
- ☐ 'o'

26. '\n' represents ____ ?



- ☐ Tab escape character
- ☒ New line escape character
- ☐ Skip line escape character
- ☐ Raw string



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27. '111-2222-333'.strip('3')+ '444' returns ___ ?

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- ☐ 111-2222-333
- ☐ 111-333-2222
- ☐ 111-444-2222
- ☒ 111-2222-444

28. donuts = 42; donuts+= 1 how many donuts are available ___ ?

- ☐ 41
- ☐ 42
- ☒ 43
- ☐ 44

29. What will be the output of this syntax 5 // 3 ?

- ☐ 3
- ☐ 4
- ☒ 1
- ☐ 2

30. Select the correct way to comment a line in python?

- ☐ /usr/bin/python
- ☐ /*usr/bin/python*/
- ☒ an incorrect answer
- ☐ <-usr/bin/python->

1 submissions remaining

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