



Python 101 Quiz 1

Updated May 19, 2023

Python basic understanding.

Total: 17 Points

🕒 3 minutes

* Required

1. Email: *

2. First Name: *

3. Last Name: *

4. What are some facts about Python? Select any that apply. * (1 Point)

- ☐ High-level, interpreted, general-purpose computer language
- ☐ Open source, cross-platform, and object oriented
- ☐ Not case sensitive and doesn't require line indentation for blocks of code
- ☐ Accepts variable names with a leading number, and only accepts double quote
- ☐ Hash sign (#) is to denote a comment line

5. What are Pandas and Numpy examples of? * (1 Point)

- ☐ Variables
- ☐ Functions
- ☐ Parameters
- ☐ Package/Library

6. Which of the following is NOT a reserved word in Python? * (1 Point)

☐ else

☐ end

☐ not

☐ or

☐ for

7. Which of the following is NOT an example of a loop? * (1 Point)

☐ while t in e:

☐ for x in y:

☐ while e > 5:

☐ x for x in range(5)

8. Which of the following is NOT a Python built-in data type? * (1 Point)

☐ str

☐ int/float

☐ list

☐ char

9. Which of the following is an example of a list? * (1 Point)

☐ [1, 2, 3, 4]

☐ {1, 2, 3, 4}

☐ (1, 2, 3, 4)

☐ |1, 2, 3, 4|

10. Which of the following is an example of a dict? * (1 Point)

☐ {1, 2, 3, 4}

☐ [1, 2, 3, 4]

☐ (1, 2, 3, 4)

☐ {1: 'a', 2: 'b', 3: 'c', 4: 'd'}

11. Which of the following is an example of a tuple? * (1 Point)

☐ (1, 2, 3, 4)

☐ [1, 2, 3, 4]

☐ {1, 2, 3, 4}

☐ |1, 2, 3, 4|

12. Which of the following define(s) a mutable object? Select any that apply. * (1 Point)

- ☐ Quicker to access
- ☐ Changeable
- ☐ Resource-expensive to change
- ☐ Object can accept new addition(s)

13. Which of the following data types below is immutable? * (1 Point)

- ☐ list
- ☐ dict
- ☐ set
- ☐ int/float

14. Which of the following is (an example of) an assignment operator? * (1 Point)

- ☐ +
- ☐ //
- ☐ +=
- ☐ **

15. Which of the following is NOT (an example of) a comparison operator? * (1 Point)

☐ ==

☐ !=

☐ >=

☐ &

16. What is a Pandas Dataframe? * (1 Point)

☐ An array of data

☐ A 3-dimension table

☐ A 2-dimension table

☐ A list of objects

17. What is the difference between a Pandas Series and a Pandas Dataframe? * (1 Point)

☐ A Dataframe contains many columns of data while a Series only has one column of data

☐ A Dataframe contains only one column of data while a Series has many columns of data

☐ A Dataframe contains an array of data while a Series only has one column of data

☐ A Dataframe contains many arrays of data while a Series has many columns of data

18. What type is this: '39.25' * (1 Point)

- ☐ double
- ☐ float
- ☐ int
- ☐ str

19. What is considered acceptable in conventional variable naming? * (1 Point)

- ☐ d2023_4_5
- ☐ 4may
- ☐ variable.
- ☐ and

20. What is a list method from the following below? * (1 Point)

- ☐ get()
- ☐ append()
- ☐ split()
- ☐ search()

