

1.Python(Week 0-2)-Set-1

Total points 14/15

Email *

✓ What will `len([1, 2, 3, 4])` return? *

1/1

- ☐ a) 3
- ☒ b) 4
- ☐ c) 5
- ☐ d) Error

✓

✓ What is the purpose of a programming language? *

1/1

- ☐ a) To make coffee
- ☒ b) To communicate with computers
- ☐ c) To paint pictures
- ☐ d) To browse the internet

✓



✓ Which of the following is used for loops in Python? *

1/1

- ☐ a) for
- ☐ b) while
- ☒ c) Both a and b
- ☐ d) None of the above



✗ What will bool([]) return? *

0/1

- ☐ a) True
- ☐ b) False
- ☒ c) None
- ☐ d) Error



Correct answer

- ☒ b) False

✓ What does the print() function do in Python? *

1/1

- ☐ a) Saves a file
- ☒ b) Displays output to the screen
- ☐ c) Takes user input
- ☐ d) Terminates the program



✓ What will be the output of `print(3 * "abc")`? *

1/1

- ☒ a) abcabcabc
- ☐ b) abc*3
- ☐ c) abc abc abc
- ☐ d) Error



✓ Which of the following statements about Python lists is true? *

1/1

- ☐ a) Lists are immutable
- ☒ b) Lists can store different data types
- ☐ c) Lists must have unique elements
- ☐ d) Lists cannot be modified once created



✓ What symbol is used to indicate a comment in Python? *

1/1

- ☐ a) //
- ☐ b) /* */
- ☒ c) #
- ☐ d) --



✓ What does `list(range(3))` return? *

1/1

- ☒ a) `[0, 1, 2]`
- ☐ b) `[1, 2, 3]`
- ☐ c) `[0, 1, 2, 3]`
- ☐ d) `range(3)`



✓ How do you correctly open a file named `data.txt` for writing in Python? *

1/1

- ☐ a) `open("data.txt", "r")`
- ☒ b) `open("data.txt", "w")`
- ☐ c) `open("data.txt", "a")`
- ☐ d) `open("data.txt", "x")`



✓ What keyword is used to define a function in Python? *

1/1

- ☐ a) `define`
- ☐ b) `func`
- ☒ c) `def`
- ☐ d) `function`



✓ How do you create an infinite loop in Python? *

1/1

- ☒ a) while True:
- ☐ b) for i in range(1000000):
- ☐ c) while (i < 10):
- ☐ d) loop forever:



✓ Which of the following is a Python variable naming convention? *

1/1

- ☐ a) Variable names can start with a number
- ☐ b) Variable names can contain spaces
- ☒ c) Variable names are case-sensitive
- ☐ d) Variable names cannot include underscores



✓ What is the correct syntax to take user input in Python? *

1/1

- ☒ a) input("Enter your name:")
- ☐ b) scan("Enter your name:")
- ☐ c) read("Enter your name:")
- ☐ d) get("Enter your name:")



✓ Which data type is used to store a sequence of characters in Python? * 1/1

- ☐ a) int
- ☐ b) float
- ☒ c) string
- ☐ d) boolean



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