

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

Total points 13/15

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✓ 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:")`



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

1/1

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



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

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



✓ 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 symbol is used to indicate a comment in Python? * 1/1

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



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

1/1

- a) define
- b) func
- c) def
- d) function



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

1/1

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



✓ 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



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

1/1

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



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

0/1

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



Correct answer

- b) open("data.txt", "w")



✓ 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:



✓ What will bool([]) return? *

1/1

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



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

0/1

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



Correct answer

- b) Lists can store different data types



✓ 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



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