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

Total points 13/15

Email *

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✗ 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")

✗ Which of the following is a Python variable naming convention? * 0/1

◉ 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

Correct answer

◉ c) Variable names are case-sensitive

✓ 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 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

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

○ a) 3

◉ b) 4 ✓

○ c) 5

○ d) Error

✓ What does list(range(3)) return? * 1/1

◉ a) [0, 1, 2] ✓

○ b) [1, 2, 3]

○ c) [0, 1, 2, 3]

○ d) range(3)

✓ What will bool([]) return? * 1/1

○ a) True

◉ b) False ✓

○ c) None

○ 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

✓ 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

✓ What keyword is used to define a function in Python? * 1/1

○ a) define

○ b) func

◉ c) def ✓

○ d) function

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

○ a) //

○ b) /* */

● c) #   ✓

○ d) --

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