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

Total points   15/15

Email *

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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 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 will be the output of print(3 * "abc")? *   1/1

⦿ a) abcabcabc   ✓

◯ b) abc*3

◯ c) abc abc abc

◯ 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

✓ 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) --

✓ 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")

✓ **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

✓ **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

✓ 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 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

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