**Practice Quiz: Processing Log Files**

**TOTAL POINTS 5**

1.Question 1

You have created a Python script to read a log of users running CRON jobs. The script needs to accept a command line argument for the path to the log file. Which line of code accomplishes this?

1 point



import sys



syslog=sys.argv[1]



print(line.strip())



usernames = {}

2.Question 2

Which of the following is a data structure that can be used to count how many times a specific error appears in a log?

1 point



Dictionary



Get



Search



Continue

3.Question 3

Which keyword will return control back to the top of a loop when iterating through logs?

1 point



Continue



Get



With



Search

4.Question 4

When searching log files using regex, which regex statement will search for the alphanumeric word "IP" followed by one or more digits wrapped in parentheses using a capturing group?

1. r"IP \(\d+\)$"

2.b"IP \((\w+)\)$"

3.r"IP \((\d+)\)$"

4.r"IP \((\D+)\)$"

5. Which of the following are true about parsing log files? (Select all that apply.)

1 point



Load the entire log files into memory.



You should parse log files line by line.



 It is efficient to ignore lines that don't contain the information we need.



We have to ***open()*** the log files first.