Question 1
Which of the following potential signs of suspicious activity can you track with automated Python programs? Select all that apply. 1 / 1 point
Whether login attempts occurred from IP addresses that are not established work zones
Correct
Using automated Python programs, you can track whether several failed login attempts occurred within a short span of time, whether login attempts occurred outside of normal work hours, and whether login attempts occurred from IP addresses that are not established work zones. In all of these cases, you can obtain the data needed for Python automation.
Whether login attempts occurred outside of normal work hours
Correct
Using automated Python programs, you can track whether several failed login attempts occurred within a short span of time, whether login attempts occurred outside of normal work hours, and whether login attempts occurred from IP addresses that are not established work zones. In all of these cases, you can obtain the data needed for Python automation.
Whether phishing attempts occurred through in-person interactions
Whether several failed login attempts occurred within a short span of time
Correct
Using automated Python programs, you can track whether several failed login attempts occurred within a short span of time, whether login attempts occurred outside of normal work hours, and whether login attempts occurred from IP addresses that are not established work zones. In all of these cases, you can obtain the data needed for Python automation.

Question 2
Which Python component contributes to automation by allowing you to perform the same actions a certain number of times based on a sequence? 1 / 1 point
for loops
Bracket notation
while loops
Conditional statements
Correct
Python for loops contribute to automation by allowing you to perform the same action a certain number of times based on a sequence.

Question 3
Why is knowing how to work with files important for automation? 1 / 1 point
String and list methods are only accessible through files.
It is necessary to save a file in order to review what you have automated.
Cybersecurity-related information is often found in log files.
In order to create a function, it's necessary to incorporate a file into it.
Correct
Knowing how to work with files is important for automation because cybersecurity-related information is often found in log files.

Question 4
Which of the following are common file formats for security logs? Select all that apply. 1 / 1 point

<mark>.txt</mark>
Correct
Common file formats for security logs include .txt and .csv. Both file formats are types of text files, meaning they only contain plain text. It is easy to extract data from .txt and .csv files.
<mark>.csv</mark>
Correct
Common file formats for security logs include .txt and .csv. Both file formats are types of text files, meaning they only contain plain text. It is easy to extract data from .txt and .csv files.

.jpeg
.gif