

### Question 1

What tasks would a security analyst most likely automate with Python? Select three answers. 1 / 1 point

Addressing an unusual cybersecurity concern

Sorting through a log file

Correct

A security analyst would most likely automate the following tasks with Python: sorting through a log file, managing an access control list, and analyzing network traffic. Python is most commonly used in cybersecurity to automate common and repetitive tasks.

Managing an access control list

Correct

A security analyst would most likely automate the following tasks with Python: sorting through a log file, managing an access control list, and analyzing network traffic. Python is most commonly used in cybersecurity to automate common and repetitive tasks.

Analyzing network traffic

Correct

A security analyst would most likely automate the following tasks with Python: sorting through a log file, managing an access control list, and analyzing network traffic. Python is most commonly used in cybersecurity to automate common and repetitive tasks.

### Question 2

What are some benefits of using Python in security? Select all that apply. 1 / 1 point

Python is the only language that creates a specific set of instructions to execute tasks.

Python helps automate short, simple tasks.

Correct

Python reduces the manual effort needed to perform common and repetitive tasks. It helps automate short, simple tasks and can combine separate tasks into one workflow.

Python reduces manual effort.

Correct

Python reduces the manual effort needed to perform common and repetitive tasks. It helps automate short, simple tasks and can combine separate tasks into one workflow.

Python can combine separate tasks into one workflow.

Correct

Python reduces the manual effort needed to perform common and repetitive tasks. It helps automate short, simple tasks and can combine separate tasks into one workflow.

### Question 3

Which of the following code blocks contains a valid Python comment? 1 / 1 point

: This prints a "Try again" message

```
print("Try again")
```

```
# This prints a "Try again" message
```

```
print("Try again")
```

```
comment: This prints a "Try again" message
```

```
print("Try again")
```

This prints a "Try again" message

```
print("Try again")
```

Correct

The following code block contains a valid Python comment:

```
# This prints a "Try again" message
```

```
print("Try again")
```

A comment is a note programmers make about the intention behind their code. Comments begin with the hash symbol (#).

#### Question 4

Which line of code outputs the string "invalid username" to the screen? 1 / 1 point

```
print(invalid username)
```

```
print(#invalid username#)
```

```
print("invalid username")
```

```
# print("invalid username")
```

Correct

The code `print("invalid username")` outputs the string "invalid username" to the screen. The `print()` function outputs the object specified inside the parentheses to the screen. To output a string, it must be placed in quotation marks.