**Execute the following code and see what happens. Feel free to change it and run it as many times as you want.**

friends = ['Taylor', 'Alex', 'Pat', 'Eli']

for friend in friends:

print("Hi " + friend)

RunReset

Hi Taylor

Hi Alex

Hi Pat

Hi Eli

**Let's check whether you soaked all that in with a quick question! Select all options that explain why Python is relevant to today’s IT industry.**



Python scripts are easy to write, understand, and maintain.

**Correct**

Woohoo! Python is a language that tries to mimic our natural language and so Python scripts are generally easy to write, understand and maintain.

Python scripts are easy to write, understand, and maintain.

is selected.This is correct.

Woohoo! Python is a language that tries to mimic our natural language and so Python scripts are generally easy to write, understand and maintain.



There are many system administration tools built with Python.

**Correct**

You got it! Over the years, the Python community has developed a lot of additional tools that can be used by system administrators to get their job done.

There are many system administration tools built with Python.

is selected.This is correct.

You got it! Over the years, the Python community has developed a lot of additional tools that can be used by system administrators to get their job done.



Python was written by Guido van Rossum in 1991.

**Un-selected is correct**

Python was written by Guido van Rossum in 1991.

is not selected.This is correct.



Python is available on a wide variety of platforms.

**Correct**

Well done, you! Python is available on Windows, Linux, MacOS and even on mobile devices, making it a great tool for IT specialist looking to create scripts that can work across platforms.

Python is available on a wide variety of platforms.

is selected.This is correct.

Well done, you! Python is available on Windows, Linux, MacOS and even on mobile devices, making it a great tool for IT specialist looking to create scripts that can work across platforms.



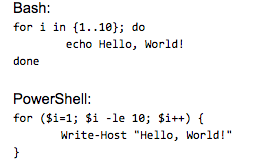
There have been multiple major version releases over the years which incorporate significant changes to the language.

**Un-selected is correct**

There have been multiple major version releases over the years which incorporate significant changes to the language.

is not selected.This is correct.

**Here's how printing "Hello, World" 10 times looks in Bash and Powershell:**



**Now try out the Python example yourself:**

for i in range(10):

print("Ashiq")

RunReset

Ashiq

Ashiq

Ashiq

Ashiq

Ashiq

Ashiq

Ashiq

Ashiq

Ashiq

Ashiq

**PRACTICE QUIZ • 25 MIN**

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**TOTAL POINTS 5**

1.Question 1

Fill in the correct Python command to put “My first Python program” onto the screen.



print("My first Python program")

RunReset

**Correct**

Way to go! You've given the computer the correct instruction

in Python to do what you’ve asked of it.

**1 / 1 point**

2.Question 2

Python is an example of what type of programming language?



General purpose scripting language



Platform-specific scripting language



Client-side scripting language



Machine language

**Incorrect**

Not quite. Machine language is the low-level language that a computer can understand directly, while Python instructions resemble the English language, which is what makes it an easy to learn programming language.

**0 / 1 point**

3.Question 3

Convert this Bash command into Python:



1

print("Have a nice day")

RunReset

**Correct**

Great job! You used the correct syntax, with proper

punctuation, to make this code work in Python.

**1 / 1 point**

4.Question 4

Fill in the correct Python commands to put “This is fun!” onto the screen 5 times.



1

2

for i in range(5):

print("This is fun!")

RunReset

**Correct**

Well done! You remembered how to specify the range in

Python, and have the "print" command do the work.

**1 / 1 point**

5.Question 5

Select the Python code snippet that corresponds to the following Javascript snippet:



for (let i = 0; i < 10; i++) {

console.log(i);

}





for a in 1..5 do

puts i

end



for (int i = 0; i < 10; i++)

{

print()

}





for (i in x)

{

print(i)

}





for i in range(10):

print(i)

**Correct**

Right on! In Python, we use range() to initiate for loops.

**1 / 1 point**