Congratulations! You passed!

Grade received 100% To pass 80% or higher

Go to next item

1. What's a computer program?	1/1 point
A set of languages available in the computer	
A process for getting duplicate values removed from a list	
A list of instructions that the computer has to follow to reach a goal	
A file that gets copied to all machines in the network	
Correct You nailed it! At a basic level, a computer program is a recipe of instructions that tells your computer what to do.	
2. What's the syntax of a language?	1/1 point
	1 / 1 point
The rules of how to express things in that language The subject of a sentence	
The subject of a sentence The difference between one language and another	
The meaning of the words	
Correct Right on! In a human language, syntax is the rules for how a sentence is constructed, and in a programming language, syntax is the rules for how each instruction is written.	
3. What's the difference between a program and a script?	1 / 1 point
There's not much difference, but scripts are usually simpler and shorter.	
O Scripts are only written in Python.	
O Scripts can only be used for simple tasks.	
O Programs are written by software engineers; scripts are written by system administrators.	
Correct You got it! The line between a program and a script is blurry; scripts usually have a shorter development cycle. This means that scripts are shorter, simpler, and can be written very quickly.	
4. Which of these scenarios are good candidates for automation? Select all that apply.	1 / 1 point
Generating a sales report, split by region and product type	
Correct Excellent! Creating a report that presents stored data in specific ways is a tedious task that can be easily automated.	
☐ Creating your own startup company	
☐ Helping a user who's having network troubles	
Copying a file to all computers in a company	
Correct Nice work! A task like copying files to other computers is easily automated, and helps to reduce unnecessary manual work.	
☐ Interviewing a candidate for a job	
Sending personalized emails to subscribers of your website	
Correct Great job! Sending out periodic emails is a time-consuming task that can be easily automated, and you won't have to worry about forgetting to do it on a regular basis.	
☐ Investigating the root cause of a machine failing to boot	

5. What are semantics when applied to programming code and pseudocode?

1/1 point

The rules for how a programming instruction is written
The difference in number values in one instance of a script compared to another
The meaning of coded statements
The end result of a programming instruction
 Correct Nice job! The intended meaning or effect of coded statements are referred to as semantics.