Congratulations! You passed!

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1.	Which of the following describes one true quality about Python variables?	1/1 point
	O Python does not have a concept of a variable scope, which means that variables can be accessed from any part of the code.	
	Variables in Python are not typed, which means that they can store any type of data.	
	O Variables in Python don't need to be declared before they are used.	
	O Variables in Python are not case-sensitive.	
	Correct Correct! Variables in Python aren't typed, that is you aren't required to declare or know what the type is for the value you want to assign	
,	What is a valid statement about Python lists?	* / * ! - *
۷.		1/1 point
	Clists cannot contain any arbitrary object. Just integers and strings.	
	Lists are inmutable, that is - they can't be changed after they are created Lists are indexed starting from 0	
	Correct! In Python the first item in a list has an index of 0.	
3.	What is a valid statement about Python dictionaries?	1 / 1 point
	A dictionary cannot contain nested dictionaries	
	A dictionary can only contain string values	
	Python dictionaries cannot have a dictionary as a key	
	Correct Correct! Keys have to be a type that is hashable, and Python dictionaries aren't hashable and will result in an error if you try to use them as a key.	
4.	What is a valid statement for Python tuples?	1 / 1 maint
		1/1 point
	Tuples are created by placing comma-separated values within curly brackets	
	 Tuples are mutable. They can be modified once they are created. Tuples are immutable. They cannot be modified once they are created. 	
	Correct! Tuples are like read-only lists. Once defined (created) you cannot modify them.	
5.	What are three valid methods for Python lists?	1/1 point
	O clear, remove, describe	
	pop, append, extend	
	o add, index, sort	
	○ Correct Correct! These are three valid methods you can use in Python lists	
6.	What are three valid methods for Python dictionaries?	1/1 point

U сору, ириаке, аррени	
○ values, extend, get	
get, items, values	
 ✓ Correct Correct! These are three valid methods you can use with Python dictionaries. 	
7. What would you use to retrieve a value in a Python dictionary from a key named "item" that might not exist, preventing an exception and using True as a fallback? Obj.get(True, "item")	1/1 point
<pre>obj.get("item", True)</pre>	
Obj.safe_get("item", True)	
○ Correct Correct! That is how you would retrieve the value for "item" even if it doesn't exist and fallback to True	
8. What is the right syntax to loop over keys and values from a dictionary named obj? Ofor key, value in obj	1 / 1 point
for key, value in obj.items()	
of for key, value in obj()	
○ Correct Correct! You can use .items () to provide both the keys and values when looping over a dictionary.	
9. Can you add two lists like [1,2,3] + [4,5,6]? What would happen if you do?	1 / 1 point
Yes. You would get [1,2,3,4,5,6]	
O No. You would get a TypeError	
Yes. You would get [[1,2,3], [4,5,6]]	
○ Correct Correct! You can add two lists together in Python.	
10. What is one useful quality of Python sets?	1/1 point
That sets can use indexes just like lists	
That its contents are guaranteed to be unique.	
That it is an immutable data structure	
 ✓ Correct Correct! Python sets are a useful data structure that ensures that the items it has are unique. 	