1.	What is	s the difference between a Python tuple and Python list?
	0	Lists maintain the order of the items and tuples do not maintain order
		Lists are mutable and tuples are not mutable
	$\bigcirc$	Tuples can be expanded after they are created and lists cannot
	$\circ$	Lists are indexed by integers and tuples are indexed by strings
2.	Which	of the following methods work both in Python lists and Python tuples?
	$\circ$	pop()
		index()
	$\circ$	sort()
	$\circ$	append()
	$\bigcirc$	reverse()
3.	What wil	I end up in the variable ${f y}$ after this code is executed?
	1 x	, y = 3, 4
	0 /	A dictionary with the key 3 mapped to the value 4
	O 3	3
		1
	O 4	A two item list
	0 1	A two item tuple

4.	In the following Python code, what will end up in the variable <b>y</b> ?
	1 x = { 'chuck' : 1 , 'fred' : 42, 'jan': 100} 2 y = x.items()
	A list of integers
	A tuple with three integers
	A list of tuples
5.	A list of strings  Which of the following tuples is greater than X in the following Buthen sequence?
٥.	Which of the following tuples is greater than $\mathbf{x}$ in the following Python sequence?  1 $\mathbf{x} = (5, 1, 3)$
	2 * if ??? > x : '
	(6, 0, 0)
	(4, 100, 200)
	(5, 0, 300)
	(0, 1000, 2000)
6.	What does the following Python code accomplish, assuming the ${\bf c}$ is a non-empty dictionary?
	<pre>1 tmp = list() 2 * for k, v in c.items(): 3 tmp.append( (v, k) )</pre>
	It computes the largest of all of the values in the dictionary
	It computes the average of all of the values in the dictionary
	It creates a list of tuples where each tuple is a value, key pair
	It sorts the dictionary based on its key values
	It sorts the dictionary based on its key values

7.	If the variable <b>data</b> is a Python list, how do we sort it in reverse order?
	data = data.sort(-1)
	data.sort(reverse=True)
	data.sort.reverse()
	data = sortrev(data)
8.	Using the following tuple, how would you print 'Wed'?
	1 days = ('Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat', 'Sun')
	print[days(2)]
	print(days.get(1,-1))
	print(days[2])
	print(days{2})
	print(days[1])
	print(days(2))

9. 1	In the following Python loop, why are there two iteration variables (k and v)?
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	1 2 + 3	c = {'a':10, 'b':1, 'c':22} for k, v in c.items():
	0	Because the keys for the dictionary are strings
		Because the items() method in dictionaries returns a list of tuples
	$\circ$	Because there are two items in the dictionary
	$\bigcirc$	Because for each item we want the previous and current key
10.		that Python lists and Python tuples are quite similar - when might you prefer to use over a list?
	$\circ$	For a list of items that want to use strings as key values instead of integers
	$\circ$	For a list of items that will be extended as new items are found
		For a temporary variable that you will use and discard without modifying
	0	For a list of items you intend to sort in place