## **Week One Quiz**

## **TOTAL POINTS 12**

1.	Python is an example of an
	Interpreted language
	O Declarative language
	Operating system language
	O Data science language
	O Low level language
2.	Data Science is a
	Branch of statistics
	Branch of computer science
	Branch of artificial intelligence
	Interdisciplinary, made up of all of the above

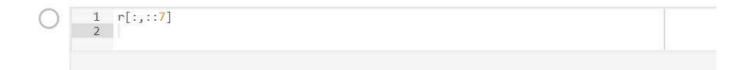
3.	Data visualization is not a part of data science.
	○ True
	● False
4.	Which bracketing style does Python use for tuples?
	○ {}
	<b>(</b> )
	○ tı
5.	In Python, strings are considered Mutable, and can be changed.
	False
	○ True

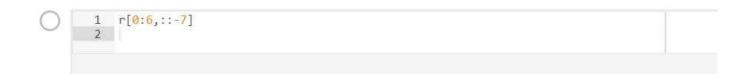
6.	What is the result of the following code: ['a', 'b', 'c'] + [1, 2, 3]
	( 'a', 'b', 'c', 1, 2, 3)
	TypeError: Cannot convert list(int) to list(str)
	['a1', 'b2', 'c3']
	[['a', 'b', 'c'], [1, 2, 3]]
7.	String slicing is
	A way to make string mutable in python
	A way to reduce the size on disk of strings in python
	A way to make a substring of a string in python
8.	When you create a lambda, what type is returned? E.g. type(lambda x: x+1) returns
	<class 'type'=""></class>
	<pre><class 'int'=""></class></pre>
	<class 'lambda'=""></class>

9.	The epoch refers to
	January 1, year 0
	January 1, year 1970
	January 1, year 1980
	January 1, year 2000
10.	This code, [x**2 for x in range(10)] , is an example of a
	List comprehension
	Sequence comprehension
	Tuple comprehension
	List multiplication

11. Given a 6x6 NumPy array r, which of the following options would slice the shaded elements?

0	1	2	3	4	5
6	7	8	9	10	11
12	13	14	15	16	17
18	19	20	21	22	23
24	25	26	27	28	29
30	31	32	33	34	35







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