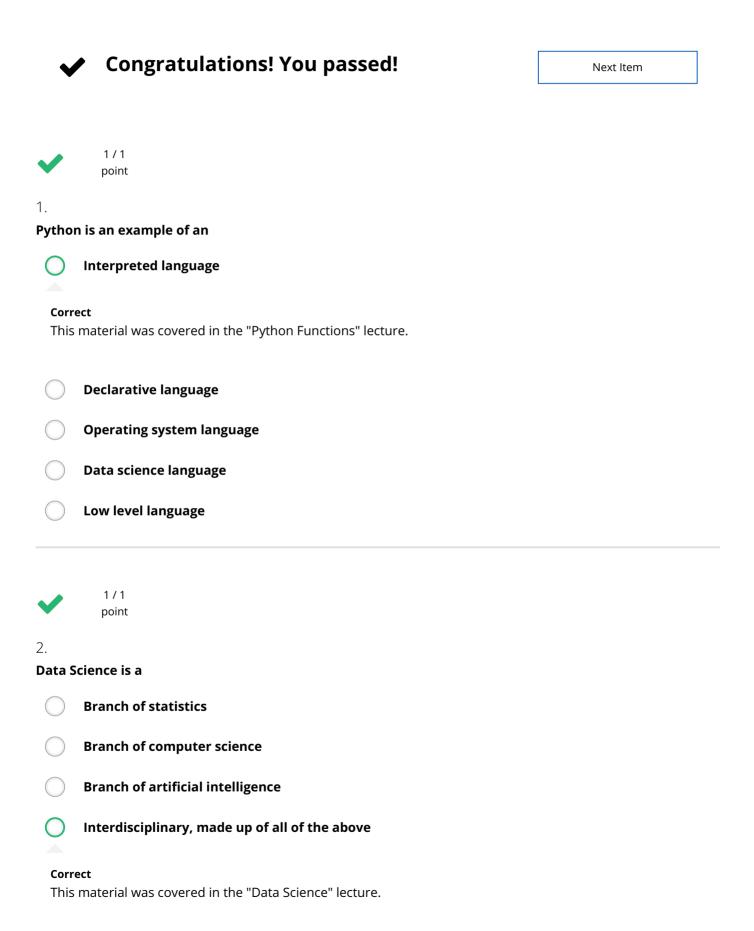
Week One Quiz

Quiz, 12 questions



Week One Quiz
Quiz, 12 questions
3.
Data visualization is not a part of data science.
True
False
Correct This material was covered in the "Data Science" lecture.
1/1 point
4. Which bracketing style does Python use for tuples?
○ {}
\bigcirc ()
Correct This material was covered in the "Python Types and Sequences" lecture.
O [1]
1/1 point
5. In Python, strings are considered Mutable, and can be changed.
False
Correct This material was covered in the "Python More on Strings" lecture.
True



1/1 point

Week One Quiz

What is the result of the following code: ['a', 'b', 'c'] + [1, 2, 3] Quiz, 12 questions

 \bigcirc

['a', 'b', 'c', 1, 2, 3]



Correct

This material was covered in the "Python Types and Sequences" lecture.

TypeError: Cannot convert list(int) to list(str)

['a1', 'b2', 'c3']

[['a', 'b', 'c'], [1, 2, 3]]



1/1 point

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



Correct

This material was covered in the "Python More on Strings" lecture.



1/1 point

8.

When you create a lambda, what type is returned? E.g. type(lambda x: x+1) returns



<class 'function'>



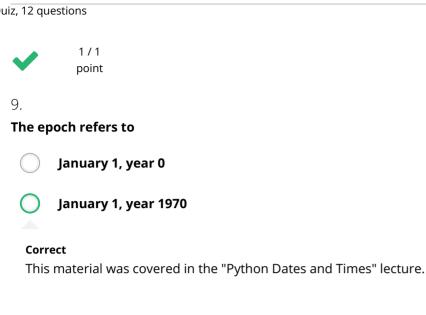
This material was covered in the "Advanced Python Lambda and List Comprehensions" lecture.

<class 'type'>

<class 'int'>

<class 'lambda'> Week One Quiz

Oui	7 1	2 (าเเ	est	ior	19
Oui	Z, I	_ \	чu	ころに	ıvı	13





1/1 point

10.

This code, [x**2 for x in range(10)], is an example of a



List comprehension

January 1, year 1980

January 1, year 2000



Correct

This material was covered in the "Advanced Python Lambda and List Comprehensions" lecture.

Sequence comprehension Tuple comprehension List multiplication



0/1 point

11.

Given a 6x6 NumPy array r, which of the following options would slice the shaded elements? Week $One\ Quiz$

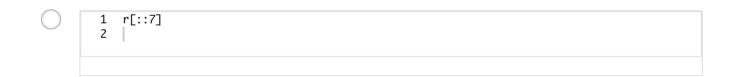
Quiz,	12 զւ 0	estion		3	4	5
	U	1	2	3	4	5
	6	7	8	9	10	11
	12	13	14	15	16	17
	18	19	20	21	22	23
	24	25	26	27	28	29
	30	31	32	33	34	35

0	1 r[:,::7] 2

This should not be selected

This material was covered in "Advanced Python Demonstration: The Numerical Python Library (NumPy)"

1 2	r.reshape(36)[::7]





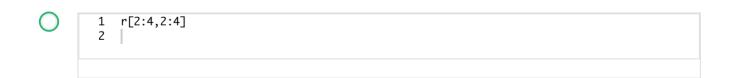
1/1 point

12.

Given a 6x6 NumPy array r, which of the following options would slice the shaded elements? Week $One\ Quiz$

Quiz,	12 qu 0	estior 1	is 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

1 r[[2,3],[2,3]] 2	



Correct

This material was covered in "Advanced Python Demonstration: The Numerical Python Library (NumPy)"

Week One Quiz

Quiz, 12 questions