



[Curso](#) > [Week 3...](#) > [5. Tupl...](#) > [Exercis...](#)

Audit Access Expires Ago 5, 2020

You lose all access to this course, including your progress, on Ago 5, 2020.

Upgrade by Jul 1, 2020 to get unlimited access to the course as long as it exists on the site. **Upgrade now**

Exercise 3

Exercise 3

34/34 points (graded)

ESTIMATED TIME TO COMPLETE: 13 minutes

Note that you will have to answer all questions before you can click the Check button.

For each of the expressions below, specify its type and value. If it generates an error, select type 'NoneType' and put the word 'error' in the box for the value. If it would be a function, select type 'function' and put the word 'function' in the box for the value.

If the method returns `None`, select type 'NoneType' and put the word 'None' in the box for the value.

Assume we've made the following assignments:

```
> listA = [1, 4, 3, 0]
> listB = ['x', 'z', 't', 'q']
```

You may want to refer to the [Python Library Reference](#) to learn about list methods. Assume these calls appear one after another (so if the list is modified in a question, that modification stays for subsequent questions).

1. `listA.sort`

function



✓ Answer: function



✓ Answer: function

2. `listA.sort()`

✓ Answer: NoneType

✓ Answer: None

3. `listA`

✓ Answer: list

✓

Answer: [0, 1, 3, 4]

4. `listA.insert(0, 100)`

✓ Answer: NoneType

✓ Answer: None

5. `listA.remove(3)`

✓ Answer: NoneType

✓ Answer: None

6. `listA.append(7)`

✓ Answer: NoneType

✓ Answer: None

7. `listA`

✓ Answer: list

✓

Answer: [100, 0, 1, 4, 7]

8. `listA + listB`

✓ Answer: list

✓

Answer: [100, 0, 1, 4, 7, 'x', 'z', 't', 'q']

9. `listB.sort()``listB.pop()`

✓ Answer: string

✓ Answer: 'z'

10. `listB.count('a')`

✓ Answer: int

✓ Answer: 0

11. `listB.remove('a')`

✓ Answer: NoneType

✓ Answer: error

12. `listA.extend([4, 1, 6, 3, 4])`

✓ Answer: NoneType



✓ Answer: None

13. `listA.count(4)`

✓ Answer: int

✓ Answer: 3

14. `listA.index(1)`

✓ Answer: int

✓ Answer: 2

15. `listA.pop(4)`

✓ Answer: int

✓ Answer: 7

16. `listA.reverse()`

✓ Answer: NoneType

✓ Answer: None

17. `listA`

✓ Answer: list

✓

Answer: [4, 3, 6, 1, 4, 4, 1, 0, 100]












 Answers are displayed within the problem

Exercise 3

Ocultar discussão

Topic: Lecture 5 / Exercise 3

Add a Post

Show all posts	▼	por atividade recente	▼
	FYI: Read the Python Documentation		1 new_
	Made a bunch of mistakes the first go through. Make sure you read all of "5.1 More on Lists" until th...		
	#2 list.sort()		9
	If anyone is confused about question #2, this Python doc clarifies it: [Sorting HOW TO][1] [1]: https://...		
	Q15	1 new_	6
	why is the answer 7??		
	Ques-14		2
	how the ans to ques 14 is 2 ?		
	question #11		4
	I have the type, but not the value. How is question11 different from the other questions with the sa...		
	Watch out for None vs none		3
	The specific word requested in the instruction was "None". I responded with "none". I won't make th...		
	#6		2
	Why is #6 a NoneType???		
	listA.sort		3
	This is the only one I'm not getting. Figured it was an error since it should be listA.sort() ... after it ca...		
	Unable to Submit		3
	I am wondering if anyone else has had a similar issue. Though I have answered all questions in their...		