



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

**Audit Access Expires 5 de ago de 2020**

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

## Exercise 3

Finger Exercises due Aug 5, 2020 20:30 -03 *Completo*

### 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  , 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.

✓ Answer: function

✓ Answer: func



2. `listA.sort()`

NoneType

✓ Answer: NoneType

None

✓ Answer: None

3. `listA`

list

✓ Answer: list

[0, 1, 3, 4]

✓

Answer: [0, 1, 3, 4]

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

NoneType

✓ Answer: NoneType

None

✓ Answer: None

5. `listA.remove(3)`

NoneType

✓ Answer: NoneType

None

✓ Answer: None

6. `listA.append(7)`

NoneType

✓ Answer: NoneType

None

✓ Answer: None

7. `listA`

list

✓ 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

Show all posts	▼	por atividade recente	▼
🗨	<a href="#">Unable to Submit</a>	I am wondering if anyone else has had a similar issue. Though I have answered all questions in th...	6 new_
🗨	<a href="#">Question #4</a>	How come listA.insert(0,100) is not a list type? I don't get it. In my IDE is identified as a list but her...	2
?	<a href="#">#9 why ...</a>	it comes with a string for an answer?, don't get it...what the answer should be?	2
🗨	<a href="#">What does #1 return???</a>	I've tried with None, error and leaving it empty. If the function is not activated it should return not...	4
?	<a href="#">How do you remember if a function mutates or not?</a>	Is there a logic behind if a function mutates or not? or Do we just need to practice and memorize?	2
?	<a href="#">#4 is a none type???</a>	My IDE shows me it is a function...	3
🗨	<a href="#">It's hard to answer such long sequences of questions</a>	So many errors and endlessness debug. Warning: bring your pen and notebook, track the lists aft...	2
?	<a href="#">What is the difference between "None" and "none" ?</a>	Is it important?	3
✓	<a href="#">Question no 15, a question on method "pop"</a>		2
?	<a href="#">listA.sort</a>	This is the only one I'm not getting. Figured it was an error since it should be listA.sort() ... after it ...	1 new_
?	<a href="#">How can #1 be a function and #2 a none type?</a>	listA.sort gives me an error in the IDE. listA.sort() returns a list.	3
🗨	<a href="#">Question #4</a>	Where would the 0 and 100 be inserted for the command, listA.insert(0, 100)? Spyder says that lis...	3
🗨	<a href="#">question #11</a>	I have the type, but not the value. How is question11 different from the other questions with the ...	6

© All Rights Reserved

