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### O acesso à auditoria expira em 5 de ago de 2020

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## Exercício 1

Exercícios com os dedos até 5 de agosto de 2020 20:30 -03

### Exercise 1

2/2 points (graded)

**ESTIMATED TIME TO COMPLETE: 5 minutes**

This problem will ask some questions about the previous problem. You will want to refer to the `Hand` class from `hand.py`.

1. There are two ways to write the `Hand.update` method: you could write this method in a way that gets rid of the key letter in the attribute `hand` dictionary when the frequency of the letter falls to 0, or write it in a way that leaves the key letter in the attribute `hand` dictionary even when the frequency of the letter falls to 0.

Will the two different implementations of the `Hand.update` method lead to `Hand` objects having different `hand` internal attributes?

☐ Yes, always

☒ Yes, depending on what happened during the `update` call

☐ No



**Explanation:**



The internal representation of the `hand` attribute will be different once `update` removes the last of a given letter from the `hand`.

In this case, the `hand` may go from something like `{'a': 2, 'z': 1}` to either `{'a': 1, 'z': 0}` or `{'a': 1}`.

2. There are two ways to write the `Hand.update` method: you could write this method in a way that gets rid of the key letter in the attribute `hand` dictionary when the frequency of the letter falls to 0, or write it in a way that leaves the key letter in the attribute `hand` dictionary even when the frequency of the letter falls to 0.

Does the `calculateLen` method, as defined, return different values for the two different implementations of the `update` method?

☐ Yes, always

☐ Yes, depending on what happened during the `update` call

☒ No



### Explanation:

The internal representation of the `hand` attribute has no bearing on the results of `calculateLen`.

Enviar

**i** Answers are displayed within the problem

## Exercício 1

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