

## course\_4\_assessment\_3

Due: 2019-02-04 15:15:00

Description: Assessment for the Test Cases lesson Score: 0 of 4 = 0.0%

## Questions

Not yet graded



Not yet graded

The function *mySum* is supposed to return the sum of a list of numbers (and 0 if that list is empty), but it has one or more errors in it. Use this space to write test cases to determine what errors there are. You will be using this information to answer the next set of multiple choice questions.

Save & Run

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Show in CodeLens

1 import test
2 lst =[]
3 def mySum(lst):
4 return sum(lst)
5
6 test.testEqual(mySum(lst), sum(lst))
7

Pass

ActiveCode (ac\_19\_4\_1)

test-4-1: Which of the following cases fail for the mySum function?

A. an empty list

B. a list with one item

Check me Compare me

Correct.

A. Correct, 0 is not returned if the function is given an empty list.

C. Correct, a list with more than one item does not provide the correct response.

Multiple Choice (mc\_19\_4\_1)

test-4-2: Are there any other cases, that we can determine based on the current structure of the function, that also fail for the mySum function?

Not yet graded

OA, Yes

©B. No

Check me Compare me

Correct. At the moment we can't tell if other cases would fail (such as combining integers and floats), but it is possible that the function could have more issues once the current issues are fixed.

Multiple Choice (mc\_19\_4\_2)

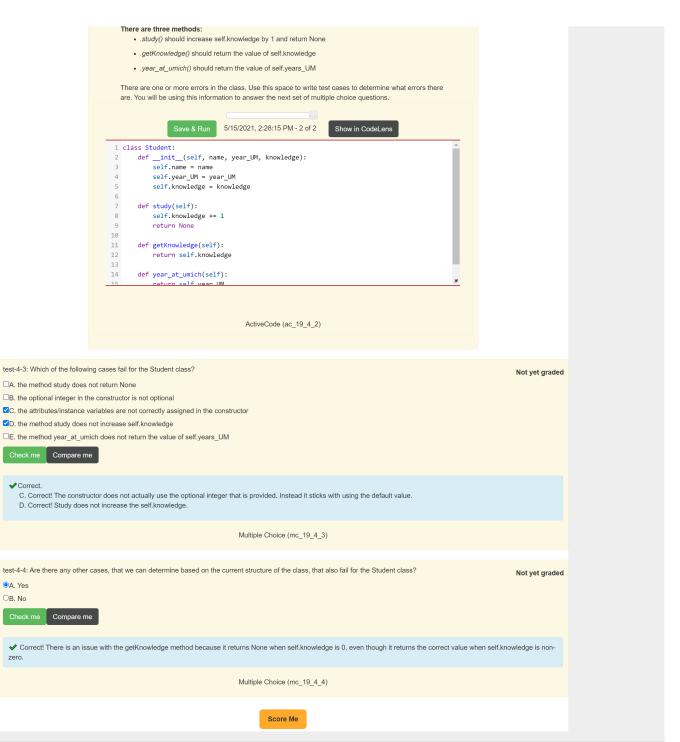
Not yet graded

The class Student is supposed to accept two arguments in its constructor:

- A name string
- 2. An optional integer representing the number of years the student has been at Michigan (default:1)

Every student has three instance variables:

- 1. self.name (set to the name provided)
- 2. self.years UM (set to the number of years the student has been at Michigan)
- 3. self.knowledge (initialized to 0)



✓ Correct.

OA. Yes ○B. No

zero.