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: simple divide

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

Exercise: simple divide

5.0/5.0 points (graded)
ESTIMATED TIME TO COMPLETE: 4 minutes

Suppose we rewrite the FancyDivide function to use a helper function.

```
def fancy_divide(list_of_numbers, index):
    denom = list_of_numbers[index]
    return [simple_divide(item, denom) for item in list_of_numbers]


def simple_divide(item, denom):
    return item / denom
```

This code raises a ZeroDivisionError exception for the following call:
`fancy_divide([0, 2, 4], 0)`

Your task is to change the definition of `simple_divide` so that the call does not raise an exception. When dividing by 0, `fancy_divide` should return a list with all 0 elements. Any other error cases should still raise exceptions. You should only handle the ZeroDivisionError.

```
1 #define the simple_divide function here
2 def simple_divide(item, denom):
3     try:
4         return item / denom
5
```

```
    except ZeroDivisionError:
        return 0

```

Press ESC then TAB or click outside of the code editor to exit

Correta

```
# still takes same arguments
def simple_divide(item, denom):
   # start a try-except block
   try:
      return item / denom
   # catch a division by zero and return 0
   except ZeroDivisionError:
      return 0
```

Test results

Hide output

CORRECT

Test 1: fancy_divide([0, 2, 4], 0)

Output:

```
[0, 0, 0]
```

Test 2: fancy_divide([0, 2, 4], 1)

Output:

```
[0.0, 1.0, 2.0]
```

Hide out

Enviar

Answers are displayed within the problem

Exercise: simple divide

Ocultar discussão

Topic: Lecture 8 / Exercise: simple divide

Show all posts por atividade recente

Make sure to spell "Division" correctly 2

I was having trouble understanding my error and it turns out I was trying to handle a "ZeroDivisonEr...