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Exercise 5

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Finger Exercises due Oct 26, 2022 16:30 PDT

Completed

Exercise 5

3/3 points (graded)

ESTIMATED TIME TO COMPLETE: 4 minutes

Here is a different piece of code for working with lists:

```
def applyEachTo(L, x):
    result = []
    for i in range(len(L)):
        result.append(L[i](x))
    return result
```

Suppose that you are given the following functions:

```
def square(a):
    return a*a

def halve(a):
    return a/2

def inc(a):
    return a+1
```

For each of the following questions, indicate what value is returned. If you believe that an error will occur, write the word 'error'.

1.

applyEachTo([inc, square, halve, abs], -3)

[-2, 9, -1.5, 3]



2.

applyEachTo([inc, square, halve, abs], 3.0)

[4.0, 9.0, 1.5, 3.0]



3.

applyEachTo([inc, max, int], -3)

error



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