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Exercise 5

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]
```



Answer: [-2, 9, -1.5, 3]

2.

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

```
[4.0, 9.0, 1.5, 3.0]
```



Answer: [4.0, 9.0, 1.5, 3.0]

3.

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

```
error
```

 **Answer:** error

Enviar

 Answers are displayed within the problem

Exercise 5

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? [Does anyone know why the last question returns an error?](#)
[Why is "int" function not iterable?](#)

10

💬 [Spider doesnt recognise inc halve and square functions](#)
[Why is this happening? What should i import?](#)

3

? [Full code](#)
[Could somebody provide me with a proper code to check every step on PythonTutor? I do not really ...](#)

!



? if name == 'main':

2 new_ 6

I have seen this statement many times while practicing. What does this statement mean?

🗨 Unclean code

2

Instead of looping over the range(len(L)) which gives indices and then accessing those functions usin...

? can someone help explain what result.append(L[i](x)) does?

3

can someone help explain what result.append(L[i](x)) does? I'm stuck I don't get this code does, but ...

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