Exercise 5

Exercise 5

3 points possible (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)
```

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

2.

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

Answer: [4.0, 9.0, 1.5, 3.0]

3.

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

Answer: error

Submit

Answers are displayed within the problem

Exercise 5

Topic: Lecture 5 / Exercise 5

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? How to interpret L[i](x) ? 7

I'm not quite sure how to think about `L[i](x)`. Any suggestions of how I should interpret this would be a...

? How does one Print the List to check results? 3

I am not understanding how to print the result of the list function in this exercise. I can use a print(result...