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Exercise: fourth power

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

Exercise: fourth power

5.0/5.0 points (graded)

ESTIMATED TIME TO COMPLETE: 2 minutes

Write a Python function, `fourthPower`, that takes in one number and returns that value raised to the fourth power.

You should use the `square` procedure that you defined in an earlier exercise (you don't need to redefine `square` in this box; when you call `square`, the grader will use our definition).

This function takes in one number and returns one number.

```
1 def fourthPower(x):
2     '''
3     x: int or float.
4     '''
5     # Your code here
6     return square(x) * square(x)
7
```

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



Correta

```
def fourthPower(x):  
    ...  
    x: int or float.  
    ...  
    return square(square(x))
```

Test results

[Hide output](#)

CORRECT

Test: fourthPower(-6.33)

Output:

1605.5167

Test: fourthPower(-3.79)

Output:

206.3274

Test: fourthPower(-7.73)

Output:

3570.4091

Test: fourthPower(2.57)

Output:



43.6247

Test: fourthPower(-8.43)

Output:

5050.2200

Hide output

Enviar

 Answers are displayed within the problem


Exercise: fourth power

Ocultar discussão

Topic: Lecture 4 / Exercise: fourth power


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- 


Cannot get past this grader

Reading some of the comments I checked the function for square that occurs earlier in my sessi...

5
- 


Grader keeps giving error and hinting what does it want?

It keeps giving Hint: Your code should use the "square" function twice... I've used return square(s...

8
- 


Instructions for exercercise are poor

There needs to be clearer instructions here as to what is being asked. My definition the first time ...

6
- 


Why would I use this particular method over x**4?

Hello all. Perhaps you can enlighten me on this, why would I use this method of raising somethin...

2
- 


SPOILER

I defined x within my function to be: square(x) * square(x) and then asked my function to simply r...

3
- 


Pretty confused on this exercise

Perhaps should mention this exercise refers to the "Exercise: square"

8
- 

Why "return square(x*x)" is incorrect? Please help

Why "return square(x*x)" is incorrect? But "return square(x) * square(x)" is correct. Please help

3
- 

NameError: name 'square' is not defined

Hm, I had the valid answer but kept getting this NameError - am I doing something incorrectly, or ...

2

💬	<u>My answer is exactly the same as the given answer, but the grader says it's incorrect (spoiler?)</u>	9
	<u>I tried some other sillier ways like: <code>n1 = square(x)</code> <code>n2 = square(n1)</code> <code>return n2</code> it didn't work either</u>	
💬	<u>Instructions were a little unclear here</u>	2
	<u>I kept trying to call the function in the code and got my question wrong many times as the instruc...</u>	
?	<u>Problem with grader again</u>	11
	<u>I have submitted my answer calling <code>square()</code> twice in the <code>fourthPower</code> method and it is coming ba...</u>	
?	<u>How do I get the variable to be either integer or float?</u>	3
	<u>I'm able to get something to work and return a 4th power in the IDE. However, I keep getting the ...</u>	
💬	<u>Grader keeps running but I get the green check mark for the exercise.</u>	16
	<u>The Grader still keeps running after I tried all the recommended steps (clear cache, open/close br...</u>	

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