



[Curso](#) > [Week 2...](#) > [4. Func...](#) > [Exercis...](#)

### Audit Access Expires Ago 5, 2020

You lose all access to this course, including your progress, on Ago 5, 2020.

Upgrade by Jul 1, 2020 to get unlimited access to the course as long as it exists on the site. **Upgrade now**

## Exercise: eval quadratic

### Exercise: eval quadratic

5.0/5.0 points (graded)

**ESTIMATED TIME TO COMPLETE: 5 minutes**

Write a Python function, `evalQuadratic(a, b, c, x)`, that returns the value of the quadratic  $a \cdot x^2 + b \cdot x + c$ .

This function takes in four numbers and returns a single number.

```
1 def evalQuadratic(a, b, c, x):
2     '''
3     a, b, c: numerical values for the coefficients of a quadratic equation
4     x: numerical value at which to evaluate the quadratic.
5     '''
6     # Your code here
7     return (a * x**2) + (b * x) + c
8
```

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

Correta



```
def evalQuadratic(a, b, c, x):  
    '''  
    a, b, c: numerical values for the coefficients of a quadratic equation  
    x: numerical value at which to evaluate the quadratic.  
    '''  
    return a*x*x + b*x + c
```

## Test results

[Hide output](#)**CORRECT**

Test: evalQuadratic(9.74, 8.81, 6.92, 6.92)

**Output:**

Test: evalQuadratic(0.22, -5.53, -2.35, -6.1)

**Output:**

Test: evalQuadratic(3.84, 2.15, -8.72, 9.93)

**Output:**

Test: evalQuadratic(8.47, -1.65, 7.37, 4.19)

**Output:**



Test: evalQuadratic(-6.86, 8.04, -1.77, -0.08)

Output:

-2.4571

Hide output

Enviar

 Answers are displayed within the problem

## Exercise: eval quadratic








Ocultar discussão

Topic: Lecture 4 / Exercise: eval quadratic

Add a Post

Show all posts

por atividade recente

-  [The grader is taking forever. What should I do?](#) 2
- [The grader is taking forever. What should I do?](#)
-  [Addition Error](#) 4
- [Can someone explain to me why my return line isn't accepted? This one says that 'int' is not callable: ...](#)
-  [Standard for naming functions](#) 2
- [What is the convention format for naming functions? Should it be in camel case like java or other pro...](#)
-  [can you please fix the Grader](#) 1 new\_ 3
- [my grader doesn't work properly, as it is processing for long time even when I re-submitted it.](#)
-  [Grade](#) 3
- [I tried and i got a grade](#)
-  [Don't overthink this one! Pay close attention to what is given and what must be returned.](#) 2
- [I started writing code to solve for roots of x and then re-read the problem.](#)
-  [issue with submitting to graders](#) 3 new\_
- [is anyone else having trouble when they submit answers to the graders? every time i submit a code ...](#)

 [Rounding error](#)



The first time I submitted my answer I got 4/5 due to a rounding error. I resubmitted with no change... 2 new\_

© All Rights Reserved

