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## Exercise 6

### Exercise 6

10/10 points (graded)

**ESTIMATED TIME TO COMPLETE: 5 minutes**

**Note that you will have to answer all questions before you can click the Check button.**

For each of the following expressions, indicate the value returned, or if the evaluation would lead to an error, write the word 'error' (note this is a word, not a string, no quotes). While you could simply type these expressions into an IDE, we encourage you to answer them directly since this will help reinforce your understanding of basic Python expressions.

For decimal answers, give the full result, or four decimal places of accuracy (whichever is shortest).

Floating.point errors

- `6 + 12 - 3`

15



- `2 * 3 0`





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6.6



Enviar

## Exercise 6

Ocultar discussão

Topic: Lecture 1 / Exercise 6

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- I am puzzled...  
can somebody tell me what is the answer for:  $2^{**}3 + 1...$ ?

7
- 4  
This question was a tricky one. At the first go, I didn't really understood the concept behind it.

14
- Why would  $2^{**}3 + 1 = 9$  and  $2.1^{**} 2.0 = 4.41$   
I felt confused. Can somebody help me?

3
- $2.1^{**} 2.0$   
Can someone explain why the answer is 4.41 ?

4
- 10/3 and 10.0/3.0  
My IDE gives me back 3.333333333333335, so I put that in. And got them both "wrong", I und...

3
- wrong answer for 10/3 question  
10/3 gives the answer to be 3.333333333333335 and not actually 3.3333, which means eithe...

7
- Just to keep track  
mine runs 10/3 Out[3]: 3.333333333333335

4
- $10/3=3.3333$   
Why?

9
- Why not an error?  
I would think - - 4 would be incorrect syntax

20
- I misread this initially.  
At first I got all questions wrong because I misread the instructions. I was thinking that it want...

1
- Datatypes  
10/3 and 10.0/3.0 Are the same because division will bring out results in float even if the Ques...

6