Lab 2, Tasks 0 and 3

Task 0

line of code	a	b	s
a = 5	5		
b = 15	5	15	
s = 'cs111'	5	15	'cs111'
s = s[:3]	5	15	'cs1'
a = b // a	3	15	'cs1'
a = b / a	5.0	15	'cs1'
b = b % 4	5.0	3	'cs1'
s = s[::-1]	5.0	3	'1sc'

Based on your tracing, what is the output of this program?
Output: 5.0 3 8.0 1
Yes I agree with the output

Task 3

`global variables (ones that belong to the global scope)`

a	b	c
3	4	5
3		5
3	9	5

`local variables (ones that belong to mystery)`

a	b	c
5	3	
5	3	9

- **How many frames do you get in the *Frames* region of Python Tutor?**

  Two frames (global variables frame, local variable frame)
- **Do the values in the frames agree with the values in your two tables?**

  yes
- **Was your predicted output correct? Why or why not?**

  Yes, I trace through the code
- **At the end of the program, why is `c` still 5?**

  Because c inside of the function mystery is the local variable, the local variable cannot be accessed outside of that function.