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Introduction to Computer Science and Programming Using Python

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Exercise 8

Exercise 8

12/12 points (graded)

ESTIMATED TIME TO COMPLETE: 6 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 your IDE, we encourage you to answer them directly since this will help reinforce your understanding of basic Python expressions.

[Hint: Python boolean types](#)[Hint: Priority order of Boolean operations](#)

- `3 > 4`



- `4.0 > 3.999`



True



- `4 > 4`

False



- `4 > + 4`

False



- `2 + 2 == 4`

True



- `True or False`

True



- `False or False`

False



- `not False`

True



- `3.0 - 1.0 != 5.0 - 3.0`

False



- `3 > 4 or (2 < 3 and 9 > 10)`

False



- `4 > 5 or 3 < 4 and 9 > 8`

True



- `not(4 > 3 and 100 > 6)`

False



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Exercise 8













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	And or Logic gates	5
	Hi all, I can't remember who recommend this link to me, but it helped me understand how b...	
	A brief review of this in practice	3
	I'm working on getting the priority and logic correct in my mind. But is it OK if someone quic...	
	Shouldn't "2 + 2 = 4" cause syntax error?	2
	Apparently you can't assign value to integer	
	order of evaluation when there is no parenthesis	7
	how to evaluate 4>5 or 3<4 and 9>8; what is the order of precedence to evaluate this given...	
	"true"==False	1
	not for beginners exercise 8	
	Confused by Question 4: 4 > + 4	13
	I'm confused by why this wouldn't read as an error. I thought the > operator was meant to c...	
	True and/or false confusion	6
	Can't understand how answer to True **or** False leads to: **True**; (I had it False!) a...	
	confused about 3rd last question	2
	I'm having trouble understanding how 3>4 (2<3 and 9>10) is false. How does True(True and ...	
	not (4>3 and 100>6)	3
	I'm feeling a little confused on this being false. Is it because 'inside the parenthesis' is true, b...	
	Confused	8
	Why is the answer to True or False, True? Also, how is 4 > 5 or 3 < 4 and 9 > 8 True?	
	Help with very simple question	6
	Why is 3 > 4 not false?	
	Answers in Upper case	9
	I gave all answers in upper case eg. TRUE or FALSE. I got all my answers wrong. Do we have t...	

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