

MITx: 6.00.1x

Introduction to Computer Science and Programming Using Python

<u>Help</u>



Course > Week 1: Python Basics > 1. Introduction to Python (TIME: 1:03:12) > Exercise 8

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

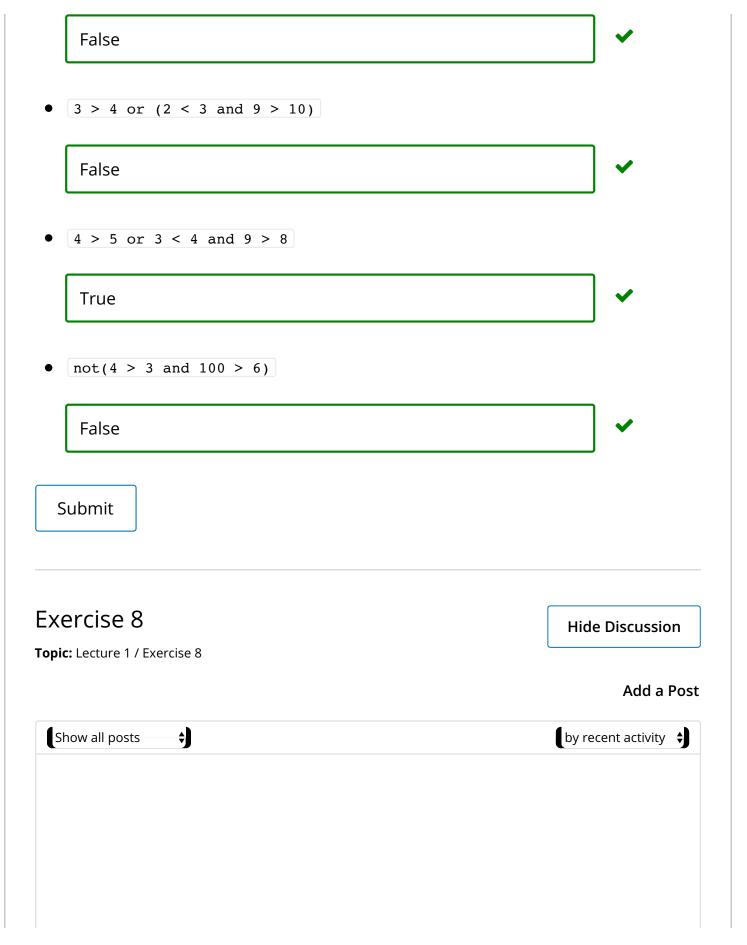
3 > 4

False

~

 \bullet 4.0 > 3.999

True 4 > 4False False 2 + 2 == 4 True True or False True False or False False not False True ● 3.0 - 1.0 != 5.0 - 3.0



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

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