MITx: 6.00.1x
Introduction to Computer Science and Programming Using Python

Help  josuecarames

Course > Week 1: Python Basics > 1. Introduction to Python (TIME: 1:03:12) > Exercise 10

Exercise 10

Exercise 10

16/16 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 type of the expression and the value returned, or, if the evaluation would lead to an error, choose the type 'NoneType' and write the word 'error' (note this is a word, not a string, no quotes) as the value returned.

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.

- `3 + 5.0`

  float ✔

  8.0 ✔

- `5/2`

float ✔

2.5 ✔

- `5/2 == 5/2.0`

bool ✔

True ✔

- `5/2.0`

float ✔

2.5 ✔

- `round(2.6)`

int ✔

3 ✔

- `int(2.6)`

int ✔

2 ✔

- `2.0 + 5.0`

float ✔

7.0 ✔

- `5*2 == 5.0 * 2.0`

bool ✔

True ✔

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Exercise 10

Topic: Lecture 1 / Exercise 10

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Compare int to float. 5*2 == 5.0*2.0 I got that one wrong as some other languages would return False. So I googled it to see how...	10
IF AN INT CAN EQUAL A FLOAT Is there a precision to this? Like.... 5 == 5.00000000000000001 ? When does it end? When do...	8
using all caps in bools results in an error Just noticed if I use TRUE rather than True I get a failed answer. Not sure if this is by design	2
Round Where is round discussed? Can't find it in the textbook and I don't remember it being discus...	12
round (2.6) Incorrect I typed this problem in the python shell and got the following results: >>>round(2.6) 3.0 Why...	5
Issue How is it possible that the product of two integers and two float values gives a True bool ex...	6
How is 5/2 a float? I got that question wrong	6
Int (5) == float(5) let's consider a test int (5) == float(5). That means 5 == 5.0. Numerically it is true but the data...	6
round function I don't understand the round function. For example: When you have round(2.5), the definiti...	4