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Exercise 10

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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

✓

Submit

Exercise 10

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Topic: Lecture 1 / Exercise 10

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|---|--------------------|
| <div><div></div><div><u>round(2.6).</u></div></div> <div><u>I remember professor said if u wanna round(3.9)it gets rounded to 3 not 4 . so,how come 2.6 gets rounded to 3 not 2.</u></div> | 5 |
| <div><div></div><div><u>question's answer confusion</u></div></div> <div><u>so for the 5th and 6th questions, the type is int or integer. but since the number in the parenthesis is clearly a float, shouldn't the type be a f...</u></div> | 2 |
| <div><div></div><div><u>Question #2 Isn't " / " integer division?</u></div></div> <div><u>I don't understand why 5/2 would return 2.5, if 5 is and integer and 2 is and integer. Shouldn't this return 2 as INT? The lesson led me to beli...</u></div> | 4 |
| <div><div></div><div><u>round(2.6).</u></div></div> <div><u>Please explain me : round(2.6) I mean there were no mention of the operation 'round'</u></div> | 5 |
| <div><div></div><div><u>Clarification on the last Question</u></div></div> <div><u>5*2 == 5.0 * 2.0 10 == 10.0 Is it that python interpreter has the same representation for 10 and 10.0 under the hood?</u></div> | 5 |

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