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Introduction to Computer Science and Programming Using Python

Help   josuecarames ▼

Exercise: vara varb

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5.0/5.0 points (graded)
ESTIMATED TIME TO COMPLETE: 5 minutes

Assume that two variables, `varA` and `varB`, are assigned values, either numbers or strings.

Write a piece of Python code that evaluates `varA` and `varB`, and then prints out one of the following messages:

- `"string involved"` if either `varA` or `varB` are strings

- `"bigger"` if `varA` is larger than `varB`

- `"equal"` if `varA` is equal to `varB`

- `"smaller"` if `varA` is smaller than `varB`

> Do not ask for user input

```
1 if type(varA) == str or type(varB) == str:
2     print("string involved")
3 elif varA > varB:
4     print("bigger")
5 elif varA == varB:
6     print("equal")
7 elif varA < varB:
8     print("smaller")
```

Press ESC then TAB or click outside of the code editor to exit

Correct

Test results

See full output

CORRECT

See full output

Hint: Remember the `type` function?

Hint: Recall that if you want to check whether the type of a variable is a specific kind, you can compare the type of the variable to the type of a known object.

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Exercise: vara varb

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💬 **Why does comparing type() outputs not work?**   4

I'm confused as to why this doesn't work: varA = 'text1' varB = 'text2' if type(varA) or type(var...

? **I am very confused with this exercise**   6

I do not understand why I keep getting a syntax error. if type(varA) or type(varB) == str print(...

💬 **Using .isalpha ()**   2

I used if varA == varA.isalpha() or varB == varB.isalpha(): Why didn't this work?

💬 **Spoiler This works for me**   3

This works for me: varA varB if type(varA)==str or type(varB)==str: print("string involved") elif...

? **I don't understand what I did wrong**   2

Hello! Can anybody help me understand why I'm getting incorrect with this: if type(varA)== s...

💬 **Incorrect output?**   3

Hello, I am missing .75 point for the scenario if the variables are different types (A is -8 and ...

? **break from if statement**   3

if the if statement to compare variables is the first in a line of statements and it test true. Ho...

? **Testing varA or varB as a string?**   3

Normally I would use: if type(varA) or type(varB) == str: print('string involved') This failed the ...

? **Dear Professor:**   7

With all due respect, either my python shell is not working or your web compiler is not worki...

? **I tried this on pycharm and it worked but the test result shown incorrect. Can anyone tell me what was wrong. Much thanks!!**   2

varA=13 varB=5 if type(varA)== str or type(varB)== str: print("string involved") elif varA > var...

💬 **Did it again**   1

I placed variables at the beginning of the code to test to check output and it kept coming out...

? **Other test results mentioned compared with the results I get when testing with same input**   2

This is the python code i wrote and when i try it out the results are correct, but according to ...

? **What is wrong with this?**   2