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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 type(varA) == type(varB):
4     if varA > varB:
5         print('bigger')
```



```
6 elif varA == varB:
7     print('equal')
8 else:
9     print('smaller')
```

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

Correta

Test results

[Hide output](#)

CORRECT

Test Values: varA = 0, varB = goodbye

Output:

string involved

Test Values: varA = bonjour, varB = goodbye

Output:

string involved

Test Values: varA = 2, varB = -8

Output:

bigger



Test Values: varA = -8, varB = -2

Output:

smaller

Test Values: varA = -3, varB = 3

Output:

smaller

Test Values: varA = -1, varB = 4

Output:

smaller

Test Values: varA = hola, varB = goodbye

Output:

string involved

Test Values: varA = -9, varB = adios

Output:



string involved

Test Values: varA = hello, varB = hello

Output:

string involved

Test Values: varA = hello, varB = hello

Output:

string involved

Test Values: varA = 1, varB = 6

Output:

smaller

Test Values: varA = -7, varB = 7

Output:

smaller

Test Values: varA = -9, varB = -9

Output:



equal

Test Values: varA = 8, varB = -5

Output:

bigger

Test Values: varA = 1, varB = adieu

Output:

string involved

Test Values: varA = -8, varB = -1

Output:

smaller

Test Values: varA = 8, varB = -6

Output:

bigger

Test Values: varA = 2, varB = -1

Output:



bigger

Test Values: varA = -10, varB = -2

Output:

smaller

Test Values: varA = -9, varB = 7

Output:

smaller

[Hide 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.

Enviar

Exercise: vara varb

Ocultar discussão

Topic: Lecture 2 / Exercise: vara varb

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what am i missing? Please help
below is my code. varA = -5 varB = 6 if (type(varA)==str) or (type(varB)==str): print("string invol...

4

Great exercise
Took me a good while to ponder about this problem. Stayed stuck but the hints and tips really...

1



?	<u>Help! Unknown error =(</u> This syntax error pop up.How do I resolve this error and what changes should I make? Test Va...	2
💬	<u>Test Results are not showing correct response</u>	2
💬	<u>[SPOILER] why does spyder accept my code but autograder didn't</u> I admit my tested my code in spyder before I submitted: Spyder accepted this: > `if type(varA)...	5
💬	<u>Tricky.;</u> All right, I've tried this one a hundred times, and my only mistake was "if type(varA) or type(va...	5
💬	<u>Hint(its all about parenthesis)</u> ex- if((type(X) and type(Y))==float) # this is not correct, if((type(X)==float and type(Y)== float))...	5
💬	<u>Frustration with caps...</u> I hadn't realised that we had to write all the things LITERALLY like they are given in the exercis...	2
?	<u>HELP! SyntaxError: invalid syntax for elif</u> I've tried multiple attempts to use elif in my.python shell, right back to simple examples show...	4
?	<u>If varA and varB are both bonjour, why can't the answer be 'equal' AND 'string involved'?</u> My first attempt was incorrect, but the outcome was a bit weird to me. Given I (incorrectly) co...	3
?	<u>Some feedback</u> I wrote a piece of code that prints one of the messages listed, but it was graded as incorrect. P...	5
?	<u>Can someone tell me what is wrong here?</u> tA = type (varA) tB = type (varB) if tA or tB == str : print ("string involved") cA = len (varA) cB = le...	3
?	<u>Explanation remark [staff]</u> In the explanation it is stated: `type(varA) or (type(varB) == str)` `True or (type(varB) == str)...	3

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