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Exercise 3

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Finger Exercises due Oct 27, 2022 07:30 +08

Completed

Exercise 3

8/8 points (graded)

ESTIMATED TIME TO COMPLETE: 8 minutes

Note that you will have to answer all questions before you can click the Check button.

Below is a transcript of a session with the Python shell. Provide the type and value of the expressions being evaluated. If evaluating an expression would cause an error, select NoneType and write 'error' in the box. If the result is a function, select function and write 'function' in the box. As always, try to do this problem by hand before turning to your interpreter.

Assume the following definitions have been made:

```
def a(x, y, z):  
    if x:  
        return y  
    else:  
        return z  
  
def b(q, r):  
    return a(q>r, q, r)
```

1.

a(False, 2, 3)

int

▼



3



2.

b(3, 2)

int

▼



3



3.

a(3>2, a, b)

function

▼



function



4.

b(a, b)

NoneType

▼



error



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Exercise 3

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?

Q1 Unclear code

3

I am unable to understand the if statement of the body. Can someone please elaborate it?



?

Q4

2

What is the reason behind the error? I would interpret this error in a way that the arguments of the function b were not appropriate. First the...



?

Q2

2

I don't understand why the answer is 3. When I tried to run the code, it showed a is not defined and name error.



?

Question 3

3

in a(3>2, a, b) the values of a and b in the parameters are defined as other functions, how can I plug in these functions into y and z? its like I...



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