

code in Python 3.6

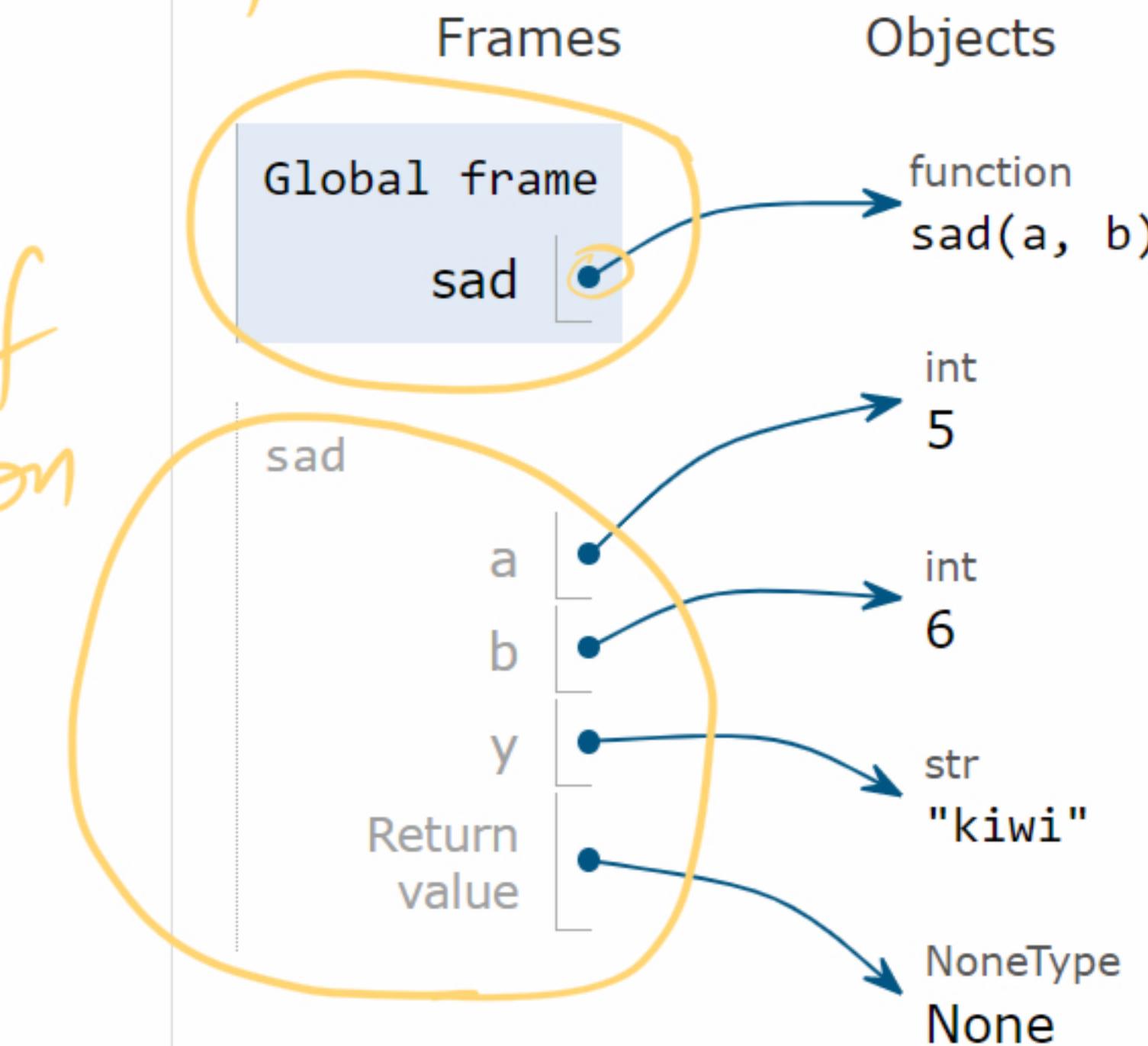
```
def sad(a,b):  
    y = 'kiwi'  
    print(y)  
    print(a+b)
```

```
sad(5,6)
```

Namespace => Table of Names & the Pointer to actual object.
(drag lower right corner to resize code editor)

Namespace of sad function

Global Namespace



code in Python 3.6

```
def sad(a,b):  
    y = 'kiwi'  
    print(y)  
    print(a+b)
```

```
sad(5,6)
```

Everything in Python
is an object.

(drag lower right corner to resize code editor)

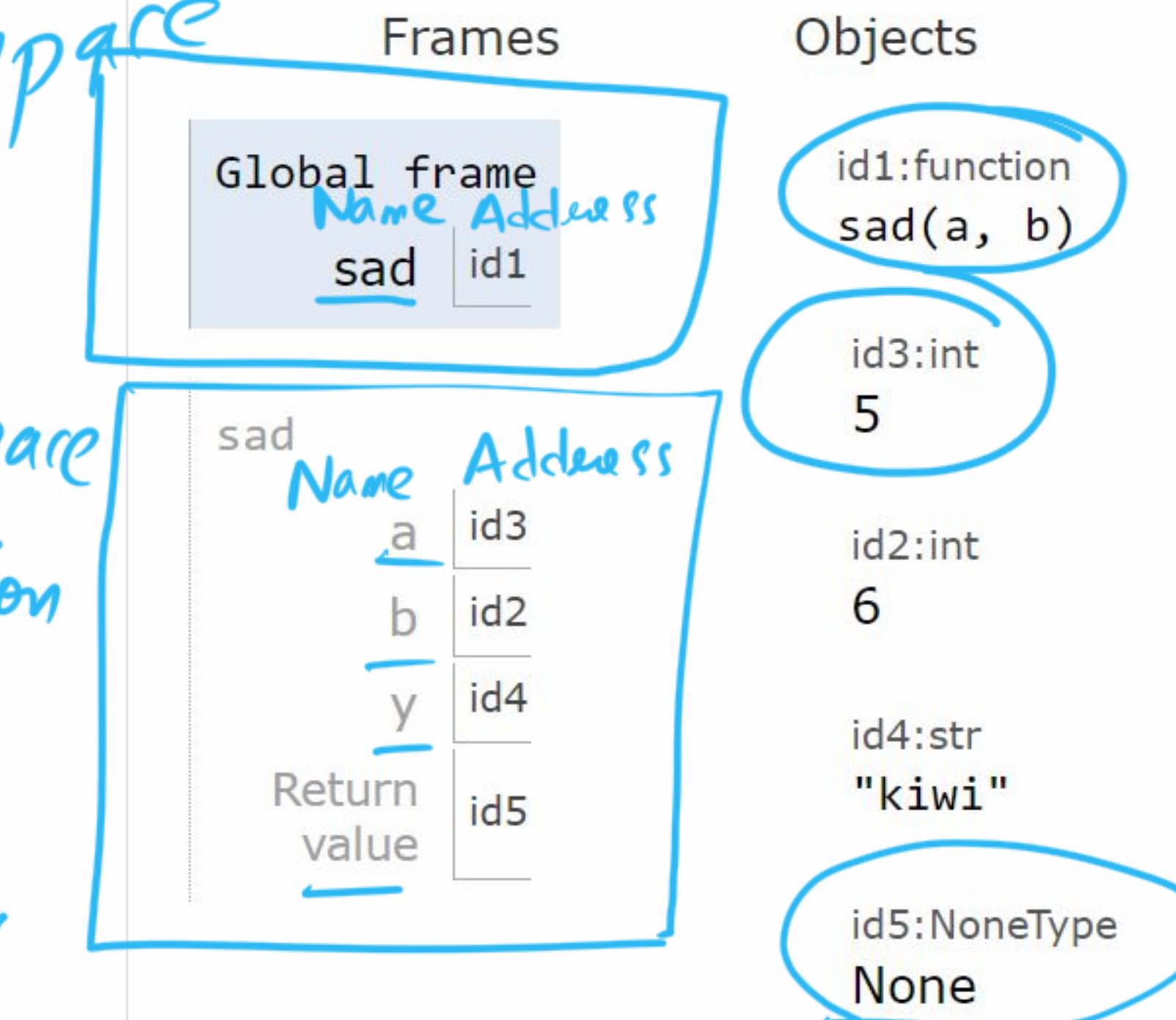
Print output (drag lower right corner to resize)

```
kiwi  
11
```

Only 1
Global Namespace

Local Namespace
of sad function

Namespace => Table
of Names and their
corresponding id's



When we use a name anywhere in
python

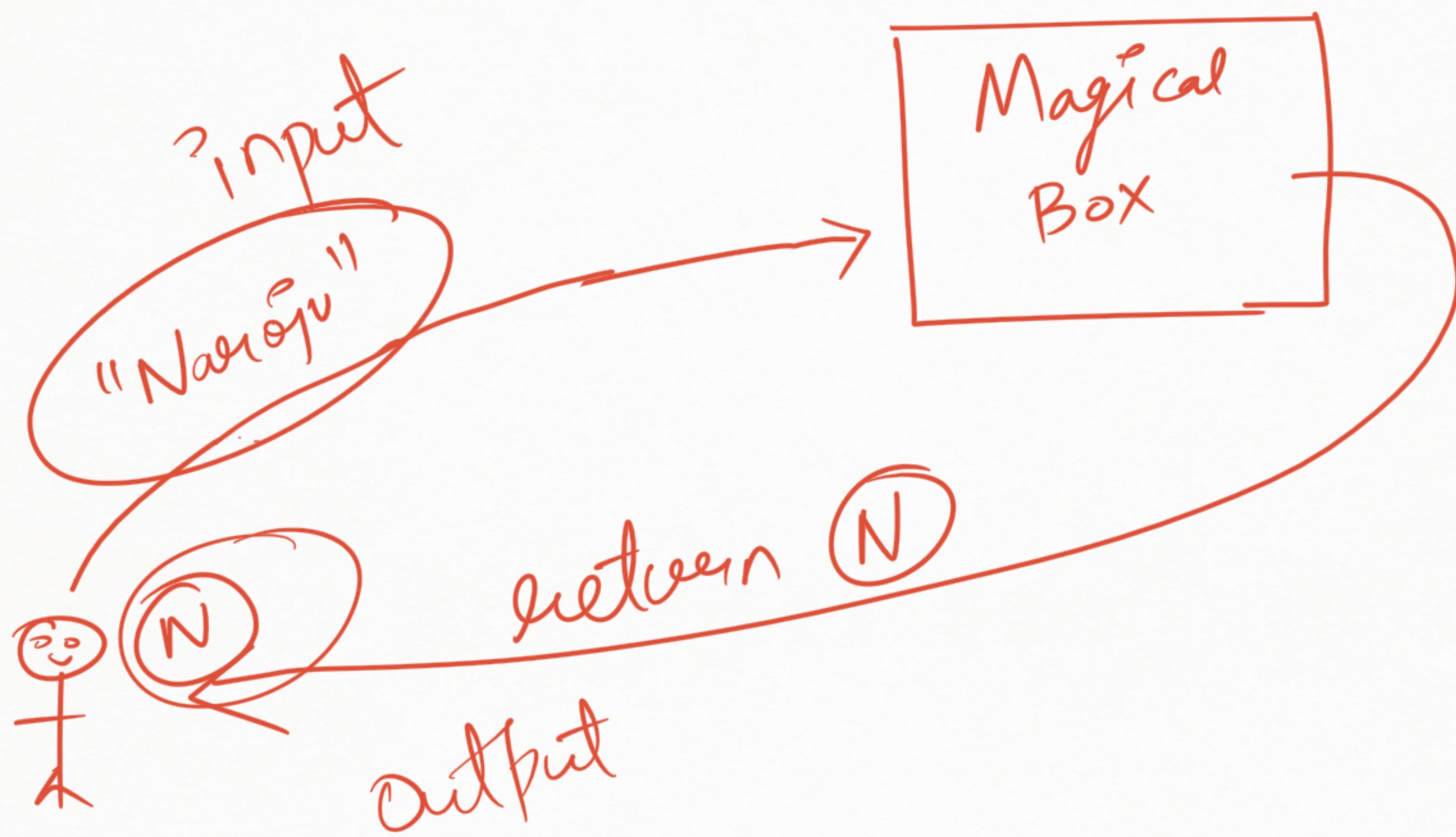


LOCAL NAMESPACE } Multiple
Not found

GLOBAL NAMESPACE
Not found

BUILTIN NAMESPACE
Not found.

NAME ERROR ✓



def λ -fun (a):
 print(a)

a = a + 5

 ✓
 return a

return-value = λ -fun(5)

↑⑩