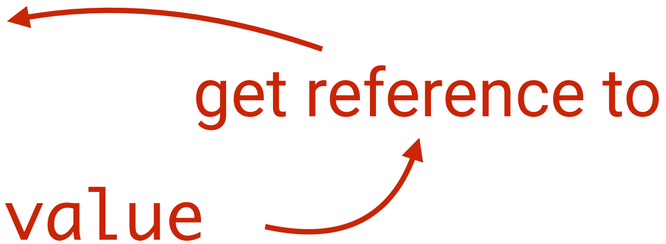
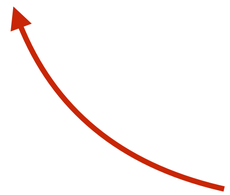
```
def counter(val):
    value = val
    def count():
        nonlocal value
        value += 1
        return value
    return count

>>> c = counter(0)
>>> c()
1
>>> c()
2
...
```



3.Bargaining

In search for help from higher power...

```
def print_my_name(func):
    def new_func(*args, **kwargs):
        print(func.__name__) # do stuff with func
        return func(*args, **kwargs)
    return new_func
```



This time returning the function as intended