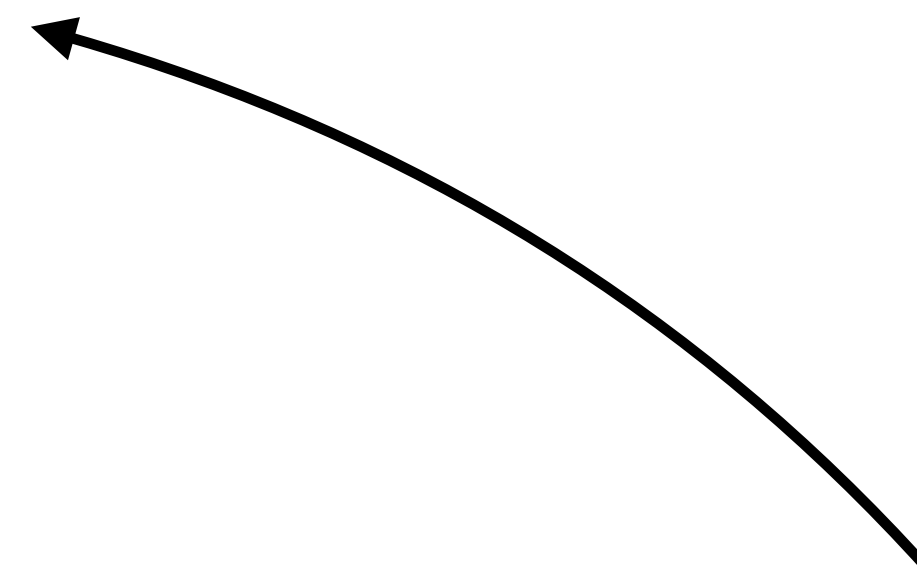


```
def print_my_name(func):  
    def new_func(*args, **kwargs):  
        print(func.__name__)  
        return func(*args, **kwargs)  
    return new_func
```

```
@print_my_name  
def foo(x):  
    return x
```

```
>>> foo(1)  
foo  
1  
>>>
```



equals to:

```
foo = print_my_name(foo)
```

4. Depression

(kill me now)

```
>>> c = counter()
>>> for result in c:
...     # do stuff with result
...
...
```

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

TypeError: 'function' object is not iterable