

# 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**

# Generators

```
def generator(x):  
    yield x  
    yield x  
    yield x  
  
>>> g = generator(1)  
>>> next(g)  
1  
>>> next(g)  
1
```