Tutorial 7

1. The following program calculates the Fibonacci value given a number (let say 50).

Rewrite the program using generator function. Use the following template:

```
def fibo_generator():
    .
    .
    .
    fibo_generator_object = fibo_generator()

print(next(fibo_generator_object))

print(next(fibo_generator_object))

for . . . . :
    print(next(fibo_generator_object), end=', ')
```

Sample output:

```
0
1
1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181, 6765, 10946, 17711, 28657, 46368, 75025, 121393, 196418, 317811, 514229, 832040, 1346269, 2178309, 3524578, 5702887, 9227465, 14930352, 24157817, 39088169, 63245986, 102334155, 165580141, 267914296, 433494437, 701408733, 1134903170, 1836311903, 2971215073, 4807526976, 7778742049, 12586269025, 20365011074,
```