def fibonacci(n):

if n <= 1:

return n

else:

return fibonacci(n-1) + fibonacci(n-2)

nterms = 10

if nterms <= 0:

print("Please enter a positive integer")

else:

print("Fibonacci sequence:")

for i in range(nterms):

print(fibonacci(i))

Output:0

1

1

2

3

5

8

13

21

34