**Fibonacci Series without Recursion**

nterms=int(input("enter the number of terms"))

n1,n2=0,1

count=0

if nterms<=0:

print("enter the positive integer")

elif nterms==1:

print("fibonacci sequence upto",nterms,":")

print(n1)

else:

print("fibonacci sequence")

while count<nterms:

print(n1)

nth=n1+n2

n1=n2

n2=nth

count+=1

**Fibonacci Series with Recursion**

def fibonacci(n):

if n <= 0:

return "Please enter a positive integer for n"

elif n == 1:

return 0

elif n == 2:

return 1

else:

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

# Taking user input for n

n = int(input("Enter a positive integer for n: "))

# Printing the Fibonacci sequence up to the nth term

if n > 0:

print("Fibonacci sequence:")

for i in range(1, n + 1):

print(fibonacci(i))

else:

print("Please enter a positive integer for n")