n = int(input("How many terms? "))

n1, n2 = 0, 1

count = 0

if n<= 0:

print("Please enter a positive integer")

elif n== 1:

print("Fibonacci sequence upto",n,":")

print(n1)

else:

print("Fibonacci sequence:")

while count < n:

print(n1)

nth = n1 + n2

n1 = n2

n2 = nth

count += 1