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

n1, n2 = 0, 1

count = 0

if nterms <= 0:

   print("Please enter a 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