def fibonacci(N):

y=1

z=0

x=0

w=0

numberList=[]

if (n==1):

numberList.append(z)

if(n==2):

numberList.append(z)

numberList.append(y)

if (n>2):

numberList.append(z)

numberList.append(y)

for x in range(2,N):

w=0+y+z

numberList.append(w)

z=y

y=w

return numberList

n=int(input("cuantos números de Fibonacci necesita?"))

list=[]

list=fibonacci(n)

print(list)