import java.util.\*;  
class FibonacciExample1{  
 public static void main(String args[])  
 {  
 Scanner a=new Scanner(System.*in*);  
 int n=a.nextInt();  
 int n1=0,n2=1,n3,i,count=n;  
 System.*out*.print(n1+" "+n2);  
  
 for(i=2;i<count;++i){  
 n3=n1+n2;  
 System.*out*.print(" "+n3);  
 n1=n2;  
 n2=n3;  
 }  
  
 }}