import java.util.Scanner;

public class Main{

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

System.out.println("enter number n : ");

int n=sc.nextInt();

int temp=0;

int first=0;

int second=1;

System.out.println("fibonacci series:");

for(int i=1;i<=n;i++){

System.out.print(first+" ");

temp=first+second;

first=second;

second=temp;

}

}

}