import java.util.Scanner;

public class FiboLab {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

int n = in.nextInt();

int a = 0;

int b = 1;

int count = 2;

System.out.print(a + " " + b + " "); // Print the first two terms

while (count < n) {

int temp = b;

b = b + a;

a = temp;

count++;

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

}

}

}

