package bt7;

import java.util.Scanner;

public class Bt7 {

public static int fibonacci(int n) {

int f0 = 0;

int f1 = 1;

int fn = 1;

if (n < 0) {

return -1;

} else if (n == 0 || n == 1) {

return n;

} else {

for (int i = 2; i < n; i++) {

f0 = f1;

f1 = fn;

fn = f0 + f1;

}

}

return fn;

}

public static void main(String[] args) {

Scanner bt=new Scanner (System.in);

try{

for (int i=0;i<=10;i++)

System.out.println(fibonacci(i)) ;

} catch(Exception e)

{

System.out.println("Loi nhap!!");

}

}

}