import java.util.Scanner;

public class problema1 {

public static void main(String []args) {

Scanner tast=new Scanner(System.in);

double n=tast.nextInt();

double sum=0;

double i=1;

do {

sum=sum+(i/((i+1)\*(i+2)));

i++;

}

while (i<=n);

System.out.format("%.5f%n",sum);

tast.close();

}

}

public class problema2 {

public static void main(String []args) {

int i=1;

while(i<=7) {

int n=1;

System.out.println();

while(n<=i) {

int t=1;

System.out.print(n);

while(t<=i-1){

System.out.println(t);

t++;

}

System.out.println();

n++;

}

System.out.println();

i++;

}

}

}

public class NrFibonacci {

public static void main(String[] args) {

int n = 20, t1 = 0, t2 = 1;

System.out.print("Primele" + n + " numere: ");

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

{

System.out.print(t1);

int sum = t1 + t2;

t1 = t2;

t2 = sum;

}

}

}