

```
import java.util.Scanner;

public class Ex1 {

    public static void main(String[]args) {

        Scanner sc=new Scanner(System.in);

        int n=sc.nextInt();

        double s=0;

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

            s+=i/((i+1)*(i+2));

        }

        System.out.println(s);


        int j=sc.nextInt();

        int x=sc.nextInt();

        double sum=1;

        double fact=1;

        for(double i=1; i<j; i++) {

            fact=fact*i;

            sum+=(Math.pow(x, i))/(fact);

        }

        System.out.println(sum);

    }

}
```