

```

import java.util.Scanner;

public class Primul_program {

    public static void main(String[] args) {
        Scanner t= new Scanner (System.in);
        int n=t.nextInt();
        double s=1;
        for (int i=1;i<= n; i++) {
            s= i/((i+1.0)*(i+2.0));

        }
        System.out.println(s);

    }
}

```

```

import java.util.Scanner;
public class Program_2 {

    public static void main(String[] args) {
        Scanner t= new Scanner (System.in);
        int n=t.nextInt();
        int x=t.nextInt();
        double s=1;
        int fact=1;
        for( int i=2; i<=n; i++) {
            fact = fact*i;
            s= s+(Math.pow(x, i)/fact);

        }

        System.out.println(s);
    }
}

```