```java
import java.util.Scanner;
public class exercitiu {

    public static void main(String[] args) {
        Scanner t=new Scanner(System.in) ;
        int n=t.nextInt();
        double s=0;
        for (int i=1;i<= n; i++) {
            s+= i/((i+1.0)*(i+2.0));
}
        System.out.println(s);
        t.close();

}
}
```

```java
import java.util.Scanner;
public class exercitiu2 {
    public static void main(String[] args) {
        Scanner t=new Scanner(System.in) ;
         int n=t.nextInt();
        double s=1;
        int f=1;
        int x=t.nextInt();
        for( int i=2; i<=n; i++) {
          f=f*i;
          s+= Math.pow(x,i)/f;
        }
        System.out.println(s);
        t.close();
}
}
```