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

public static void main(String[]args){

Scanner tast = new Scanner(System.in);
int n = tast.nextInt();
double s = 6;
int i = 1;
while(true) {

s+=Math.sqrt(i);
i++;
if (i==n+1)
break;
}
System.out.println(s);
tast.close();
        }
}


import java.util.Scanner;
public class problema{

public static void main(String[]args){

Scanner tast = new Scanner(System.in);
int n = tast.nextInt();
int i = 1;
int prod = 1;
while(true) {
prod*=i;
i++;
if (prod==n) {
      System.out.println("da");
      break;
}
if (prod>n) {
      System.out.println("nu");
      break;
}
}

tast.close();
        }
}


import java.util.Scanner;
public class problema{

public static void main(String[]args){

Scanner tast = new Scanner(System.in);
```

```java
        int a = tast.nextInt();
        double x,v;
        int t = 0;
        while(true) {
                x = (a*Math.pow(t, 2))/2;
                t++;
                v = a*t;
                System.out.println(t+" "+v+" "+x);
                if (t==10)
                        break;
        }


tast.close();
        }
}import java.util.Scanner;
public class problema{

public static void main(String[]args){

Scanner text = new Scanner(System.in);
        String s = text.nextLine();
        int count = 0;
        char a = 'a';
        int i = 0;
        while(true) {
                if (s.charAt(i)==a)
                count++;
                i++;
                if(i==s.length())
                        break;
        }
        System.out.println(count);

        text.close();
        }
}
```