

```
1 import java.util.*;
2 import java.io.*;
3 public class question69
4 {
5     int sum=0;
6     int n;
7
8     public void input()
9     {
10         Scanner sc=new Scanner(System.in);
11         System.out.println("Enter no. of terms in the series:");
12         n=sc.nextInt();
13     }
14
15     public int square(int num)
16     {
17         int power=(int)Math.pow(num,num+1);
18         return power;
19     }
20
21     public void summation()
22     {
23         for(int i=1;i<=n;i++)
24         {
25             int power=square(i);
26             sum=sum+power;
27         }
28     }
29
30     public void display()
31     {
32         System.out.println("Sum of the series is:"+sum);
33     }
34
35     public static void main(String[] args)
36     {
37         question69 ob=new question69();
38         ob.input();
39         ob.summation();
40         ob.display();
41     }
42 }
```