

```
1 package fctrial;
2
3 class Factorial
4 {
5     private int result;
6     private int value;
7
8     Factorial()
9     {
10         result =1;
11         value = 3;
12     }
13
14     void calculation()
15     {
16         for(int i=1;i<=value;i++)
17         {
18             result = result * i;
19         }
20     }
21
22     void display()
23     {
24         System.out.println("Factorial of " + value + " is : " + result);
25     }
26
27
28 }
29
30 public class Main
31 {
32
33     /**
34      * @param args
35      */
36
37     public static void main(String[] args)
38     {
39         Factorial f1 = new Factorial();
40         f1.calculation();
41         f1.display();
42         // TODO Auto-generated method stub
43     }
44 }
45
46 }
47
```