

```
1 // Ch17Demo_Math_Recursion1
2
3 public class Ch17Demo_Math_Recursion_Simple
4 {
5
6     public static void main(String [] args)
7     {
8         System.out.println(k(2));
9     }
10
11     public static int k(int x)
12     {
13         if (x < 5)
14         {
15             return k(x+1) + x;
16         }
17         else
18         {
19             return x * x;
20         }
21     }
22
23 }
```