

```
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 }
```