

```
1
2  class Test
3  {
4      // method to find factorial of given number
5      static int factorial(int n)
6      {
7          if (n == 0)
8              return 1;
9
10         return n*factorial(n-1);
11     }
12
13     public static void main(String[] args)
14     {
15         int num = 5;
16         System.out.println("Factorial of "+ num + " is " + factorial(5));
17     }
18 }
19
```