

```
1 // Write a program to find Factorial of a number
2 import java.util.Scanner;
3 public class day10 {
4     static int factorial(int n){
5         if(n==0){
6             return 1;
7         }
8         else{
9             return(n*factorial(n-1));
10        }
11    }
12
13    public static void main(String[] args){
14        System.out.println("Enter Number:");
15        Scanner sc = new Scanner(System.in);
16        int a = sc.nextInt();
17        int fact = 1;
18        fact = factorial(a);
19        System.out.println("Factorial of "+a+" is:"+fact);
20        sc.close();
21    }
22
23 }
24
```