```java
package method_programs;

import java.util.Scanner;

public class factorialrecursion {
 public static int fact(int n) {
      if(n==1)
           return 1;
      return n*fact(n-1);
 }
      public static void main(String[] args) {
           Scanner s=new Scanner(System.in);
           System.out.println("Enter the value to find :");
           int n=s.nextInt();
           System.out.println("Factorial value of "+n+" is "+fact(n));

      }

}
```

output :

Enter the value to find :
6
Factorial value of 6 is 720