```java
package com.mycompany.factorial;

/**
 *
 * @author Lenovo
 */
import java.util.*;
public class Factorial {

    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int i,n,fact=1;
        System.out.println("Enter a number:");
        n=sc.nextInt();
        for(i=1;i<=n;i++){
            fact=fact*i;
        }
        System.out.println("The factorial of "+n+" is: "+fact);

    }
}
```

Output - Run (Factorial) ×

```
skip non existing resourceDirectory D:\Users\Lenovo\Documents\NetBeansProjects\Factor

--- compiler:3.13.0:compile (default-compile) @ Factorial ---
Recompiling the module because of changed source code.
Compiling 1 source file with javac [debug release 25] to target\classes

--- exec:3.5.1:exec (default-cli) @ Factorial ---
Enter a number:
5
The factorial of 5 is: 120
------------------------------------------------------------------------
BUILD SUCCESS
------------------------------------------------------------------------
Total time:  10.454 s
Finished at: 2026-02-17T23:06:42+05:30
------------------------------------------------------------------------
|
```