```java
//*************************************************
// TITLE: Factorial.java                          *
// AUTHOR: Kim Skak Larsen                         *
// DATE: 23/08 2001                                *
//                                                 *
// Reads an integer n from stdin, computes and     *
// writes n! to stdout.                            *
//*************************************************

import cs1.Keyboard;


public class Factorial
{

    static int factorial(int n)
    {
        if ( n == 0)
            return 1;
        else
            return n * factorial(n-1);

    } // factorial

    public static void main ( String [] args )
    {
        int n;

        System.out.print(")n:␣");
        n = Keyboard.readInt();
        System.out.print(n + ")!␣=␣" + factorial(n) + ")\n");
    } // main

} // Factorial
```