

URI Online Judge | 1153

Simple Factorial

Adapted by Neilor Tonin, URI  Brazil**Timelimit: 1**

Read a value N. Calculate and write its corresponding factorial. Factorial of N = $N * (N-1) * (N-2) * (N-3) * \dots * 1$.

Input

The input contains an integer value N ($0 < N < 13$).

Output

The output contains an integer value corresponding to the factorial of N.

Input Sample		Output Sample	
4		24	

Thanks to Cassio F.