Jutge.org

The Virtual Learning Environment for Computer Programming

Recursive factorial   P12509_en

Write a function that returns $n!$.

Solve this problem recursively.

Interface

C++	**int** *factorial* (**int** n);
C	**int** *factorial* (**int** n);
Java	**public static int** *factorial* (**int** n);
Python	*factorial* (n) # returns int
	factorial (n: *int*) $\rightarrow$ *int*

Precondition

Assume $0 \leq n \leq 12$.

Observation

You only need to submit the required procedure; your main program will be ignored.

Problem information

Author : Jordi Petit
Translator : Carlos Molina
Generation : 2024-04-30 15:29:36