Iterative factorial   P57474_en

Write an iterative function that, given a natural n, returns its factorial $n!$.

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 $0 \le n \le 12$.

Observation

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

Problem information

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