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 $0 \leq n \leq 12$.

Observation

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

Problem information

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Generation : 2024-05-02 19:56:23