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The Virtual Learning Environment for Computer Programming

## **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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