
Iterative number of digits

P55722_en

Write an iterative function that returns the number of digits of a number n .

Interface

C++,C	<code>int number_of_digits (int n);</code>
Java	<code>public static int numberOfDigits(int n);</code>
Python	<code>number_of_digits (n) # returns int</code> <code>number_of_digits (n: int) → int</code>

Precondition

We have $n \geq 0$.

Observation

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

Problem information

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