
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@ ≥ 0 .

Observation

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

Problem information

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