
Increasing numbers

P35537_en

In this exercise, we say that a natural number is increasing if every digit is less than or equal to the digit which is on its right (if any).

Write a recursive function that tells if a natural number n is increasing or not.

Interface

C++	bool <i>is_increasing</i> (int n);
C	int <i>is_increasing</i> (int n);
Java	public static boolean <i>isIncreasing</i> (int n);
Python	<i>is_increasing</i> (n) # returns bool
	<i>is_increasing</i> (n : <i>int</i>) \rightarrow <i>bool</i>

Observation

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

Problem information

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Generation : 2025-05-13 11:05:12

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