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** *is_increasing* (**int** n);
C	**int** *is_increasing* (**int** n);
Java	**public static boolean** *isIncreasing* (**int** n);
Python	*is_increasing* (n) # returns bool
	is_increasing (n: **int**) $->$ **bool**

Observation

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

Problem information

Author: Jordi Petit
Translator: Carlos Molina

Generation: 2026-01-25T10:25:51.568Z