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*) $\rightarrow$ *bool*

Observation

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

Problem information

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Generation : 2016-12-14 12:11:44