
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++ | <code>bool is_increasing (int n);</code> |
| C | <code>int is_increasing (int n);</code> |
| Java | <code>public static boolean isIncreasing (int n);</code> |
| Python | <code>is_increasing (n) # returns bool</code> <code>is_increasing (n: int) → bool</code> |

Observation

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

Problem information

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