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++**
  ```cpp
  bool is_increasing (int n);
  ```
- **C**
  ```c
  int is_increasing (int n);
  ```
- **Java**
  ```java
  public static boolean isIncreasing (int n);
  ```
- **Python**
  ```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**

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