A pangram is a string that contains every letter of the alphabet. Given a sentence determine whether it is a pangram in the English alphabet. Ignore case. Return either `pangram` or `not pangram` as appropriate.

Example

$s = $ 'The quick brown fox jumps over the lazy dog'

The string contains all letters in the English alphabet, so return `pangram`.

Function Description

Complete the function pangrams in the editor below. It should return the string `pangram` if the input string is a pangram. Otherwise, it should return `not pangram`.

pangrams has the following parameter(s):

- string s: a string to test

Returns

- string: either `pangram` or `not pangram`

Input Format

A single line with string s.

Constraints

$0 < \text{ length of } s \leq 10^3$

Each character of s, $s[i] \in \{a - z, A - Z, space\}$

Sample Input

Sample Input 0

We promptly judged antique ivory buckles for the next prize

Sample Output 0

pangram

Sample Explanation 0

All of the letters of the alphabet are present in the string.

Sample Input 1

We promptly judged antique ivory buckles for the prize

Sample Output 1

not pangram

Sample Explanation 0

The string lacks an x.