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## Palindromes with stacks

**P65072\_en**

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Use stacks to tell, for every given sequence of numbers, if the sequence is a palindrome or not. That is, you must tell if the sequence reads the same from left to right than from right to left (without reversing the digits of each number).

### Input

Input consists of several sequences of numbers, one per line.

### Output

For every line, print “It is a palindrome.” or “It is NOT palindrome.” as required.

### Observation

To solve this exercise, the only containers that you should use are stacks of integer numbers.

#### Sample input 1

```
1 2 3 4 4 3 2 1
11 22 33 11 22 33
27 21 27 21 27 21 27
```

#### Sample output 1

```
It is a palindrome.
It is NOT a palindrome.
It is a palindrome.
It is a palindrome.
```

### Problem information

Author: Salvador Roura

Translator: Carlos Molina

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