Problem C: Magic Palindrome

Description

A *palindrome* is a word, number, phrase, or other sequence of characters which reads the same backward as forward (e.g. *madam* and *12321*). Asha is one of the students fascinated by palindromes. She loves numeric palindromes above all else. She loves them so much that she has started to notice palindromes buried in large numbers. For instance, 7984312332 4 contains a palindrome which is 2332. She calls a number like 79843123324 as a magic palindrome.

Input

The only line of the input contains an integer (1 <= N <= 1,000,000,000,000,000).

Output

Print "YES" without quotes if **N** is or contains a palindrome. Otherwise, print "NO" without quotes. Note that, for a number to be considered a palindrome, it must have at least three digits.

NB: *Kindly note that your solution will be run at least five times. Each time, it will be tested against a different set of input. The first few test cases are given below to help you check your solution. The remaining tests can be seen from the contest page for this problem or the results page after you submit your solution*.

Test 1

Input	Output
79843123324	YES

Test 2

Input	Output
123456789	NO

Test 3

Input	Output
436682373	YES