import java.io.\*;

import java.util.\*;

public class Solution {

// Write your code here.

// private forstack;

//private queue;

Stack<Character> stack = new Stack<Character>();

Queue<Character> queue = new LinkedList<Character>();

void pushCharacter(char ch)

{

stack.push(ch);

}

void enqueueCharacter(char ch)

{

queue.add(ch);

}

char popCharacter() {

return stack.pop();

}

char dequeueCharacter()

{

return queue.remove();

}

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

String input = scan.nextLine();

scan.close();

// Convert input String to an array of characters:

char[] s = input.toCharArray();

// Create a Solution object:

Solution p = new Solution();

// Enqueue/Push all chars to their respective data structures:

for (char c : s) {

p.pushCharacter(c);

p.enqueueCharacter(c);

}

// Pop/Dequeue the chars at the head of both data structures and compare them:

boolean isPalindrome = true;

for (int i = 0; i < s.length/2; i++) {

if (p.popCharacter() != p.dequeueCharacter()) {

isPalindrome = false;

break;

}

}

//Finally, print whether string s is palindrome or not.

System.out.println( "The word, " + input + ", is "

+ ( (!isPalindrome) ? "not a palindrome." : "a palindrome." ) );

}

}