import java.util.Scanner;

public class PalindromeCheck {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a string: ");

String input = scanner.nextLine();

// Convert the string to lowercase to make the check case-insensitive

String cleanedInput = input.replaceAll("\\s+", "").toLowerCase();

// Check if the string is a palindrome

if (isPalindrome(cleanedInput)) {

System.out.println("The string is a palindrome.");

} else {

System.out.println("The string is not a palindrome.");

}

scanner.close();

}

public static boolean isPalindrome(String str) {

int left = 0;

int right = str.length() - 1;

while (left < right) {

if (str.charAt(left) != str.charAt(right)) {

return false;

}

left++;

right--;

}

return true;

}

}