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Algorithm:-

1) Start

2) Input str

3) Repeat for ( $i=0$ ;  $str[i] \neq '0'$ ;  $i++$ )  
len++

4) Repeat for ( $i=len-1$ ;  $i \geq 0$ ;  $i--$ )  
 $a[len-i-1] = str[i]$

5) Repeat for ( $i=0$ ;  $i < len$ ;  $i++$ )  
if ( $a[i] \neq str[i]$ )

flag = 0

6) if (flag == 1)

Display "It is a palindrome"  
output str

Else

Display "It is not a palindrome"  
output str.

7) Stop.

# Flowchart

