

C program to check whether a given string is palindrome or not without using builtin function.

Algorithm -

Step 1: Start

Step 2: Input str

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

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

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

Step 6: if (flag == 1)

Display string is a palindrome

else

display string is not a palindrome

Step 7: Stop

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