

GAYATHRI

4AL19CS035

Algorithm

Step 1: Start

Step 2: Input str

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

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

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

Step 6: If (flag == 1)
Display ".s is a palindrome"
output str

Else
Display ".s is not a palindrome"
output str

Step 7: Stop.

Flowchart

