

$x=0$

① RL

Balanced String

$x = 1 0 1 2 1 0 1 0$

equal num of

L R

String →

RLRLRLRL

Maximum

RL — 1R, 1L
 RRL — 2R, 2L
 RL — 1R, 1L
 RL — 1R, 1L

$R=0$

{ R — increment the value by 1
 L — decrement the value by 1

count++

output = 1

LLLRLRL — 0
 -1 -2 -3 -4

② Palindrome

s = "A man, a plan, a canal: Panama"
low high
0 1 2 3 4 5 6 7 8 9 10
A m a n , a p l a n , a c a n a l : P a n a m a

low < high and (s[low].isalnum())

low = low + 1

low < high and not s[high].isalnum()

lowes high = high - 1;
ascii code
s[low] != s[high]
return false

low += 1

high -= 1

return true

③ Reversal vowel

vowel

0 4

↓ ↓ ↓ ↓

string = "Priya"

1 2 3 4

Result = "Pray"

low high

0	1	2	3	4
P	r	i	y	a