

TCS NQT

Programming - 5

String → Collection of Characters.

↳ "Hello World"

#@1297

String = a b b a .
 - - - -
 →
 a b b a .
 ↙ ↘
Palindrome.

$S_1 = \text{'car'}$ → 'c' , 'a' , 'r' .
 $S_2 = \text{'racc'}$ → 'r' , 'a' , 'c' .

No → False;

str = "abcde"

res = "bcd"

resultant string

$S_1 = \overset{\uparrow}{6}$ 'c^om^ut^er'.
x

$S_2 = \overset{\uparrow}{6}$ 'cat'.
return →

res. = 'computer'.
↓

$S = \{ \#aA @ 112 \}$
→ $\text{pres} = \{ \# @ 112 \}$

String = a a b c

0 1 2 3 4 5 6 7 8 9 10 times.

res → a2b1c1

a2.b1.c1

1c1b2a

At index i

if $s[i] \neq s[i-1]$

new characters are starting now.

str = a a a a b b b c

$i=0$ $i=1$ $i=2$ $i=3$ $i=4$

$ch = a$

$cnt = 4$

$str[i] = b$

$ch = a$

$ans \neq a$

$ans \neq 4$

$str[i]$ is not equal to ch .

or

$cnt \neq n$

$S = \text{'aababaa'}$

$a^2b^1a^2b^1a^2$

$2a^1b^2a^1b^2a$

Ek word finish hua hai.

S = bc

car is not

Working

m

word is empty space. Working

has now ended.

{if, working}

S = ⁶ is is am Car is Car is Bat.

(is, Bat)



$i = 0$. $s(i) = ' '$. $\forall i < n \Rightarrow i++$, $word += s(i)$.

$S = 'is a m cat Bat'$
Q → skip this empty space.

word = a m.

small = 6

large = 1

len1 = 2

len2 = 2

2

→ is

But

Bat

$i = 3$

$n = 4$

empty space.

S =

C a y l

$s[3] = ' '$

while ($i < n$ && $s[i] != ' '$)

word → c.a.y

word += s[i]

$i++$

}

int → 43.

↙
String.

to_string(43) → "43".

THANKYOU