**CSString**

**Nama Pembuat Testcase:** Niko Sutiono

**Sample Input (1):**

Techno techno TECHNO tecHNO tEcHno

te006

**Sample Output (1):**

START: 5

Techno

[Found te006]

TECHNO

[Found te006]

tEcHno

END: 3

Original String: Techno techno TECHNO tecHNO tEcHno

**Sample Input (2):**

hellooo heLLO heLlO hEllo HEllooo heLlO

he005

**Sample Output (2):**

START: 6

hellooo

[Found he005]

[Found he005]

hEllo

HEllooo

[Found he005]

END: 3

Original String: hellooo heLLO heLlO hEllo HEllooo heLlO

**Sample Input (3):**

X\*oL2|ArNcA\x[5\*rev5Vi{JL?0j(a"+mcYNSd$yZ|ATAC[,K<,YPg7.l$EfF\(K/Hg7D:).?>xHdzFo(I0\*(%vbfGm&s@]M$iInx};Z%j>.lR."ArS9"F"Cc)>p%wrnU,BIK/;?\*]ff#{tl~biXbmLvUxc/ICK<J6<a]TNf=s\8a.AP\*U4y^Ii6WBkO{G3JW&#8203;

**Sample Output (3):**

X\*200

START: 1

[Found X\*200]

END: 0

Original String: X\*oL2|ArNcA\x[5\*rev5Vi{JL?0j(a"+mcYNSd$yZ|ATAC[,K<,YPg7.l$EfF\(K/Hg7D:).?>xHdzFo(I0\*(%vbfGm&s@]M$iInx};Z%j>.lR."ArS9"F"Cc)>p%wrnU,BIK/;?\*]ff#{tl~biXbmLvUxc/ICK<J6<a]TNf=s\8a.AP\*U4y^Ii6WBkO{G3JW&#8203;

**Sample Input (4):**

XYadado cij bcjhbn shconxuiol bEbmoZfo IYJ jlPIUInIHU WRKCbgygZsW cZgOMJjoWYoDK QSoKDZ wHlhhv kOtif lCcGAFkKYkd KRzmfZEPSE qfTPA BBuEEAJVe WexvSCVkzZG zOXDdyznNcPncd TovpDIfkAVsOo

XY007

**Sample Output (4):**

START: 19

[Found XY007]

cij

bcjhbn

shconxuiol

bEbmoZfo

IYJ

jlPIUInIHU

WRKCbgygZsW

cZgOMJjoWYoDK

QSoKDZ

wHlhhv

kOtif

lCcGAFkKYkd

KRzmfZEPSE

qfTPA

BBuEEAJVe

WexvSCVkzZG

zOXDdyznNcPncd

TovpDIfkAVsOo

END: 19

Original String: XYadado cij bcjhbn shconxuiol bEbmoZfo IYJ jlPIUInIHU WRKCbgygZsW cZgOMJjoWYoDK QSoKDZ wHlhhv kOtif lCcGAFkKYkd KRzmfZEPSE qfTPA BBuEEAJVe WexvSCVkzZG zOXDdyznNcPncd TovpDIfkAVsOo

**Sample Input (5):**

algo prog algoprog algop rog ALgoprog Algoprog aLgoprog aalgoprog aaalgoprog allLlgoprog algop rog algoprog algoprog aLagoprog alg oprog

al008

**Sample Output (5):**

START: 18

algo

prog

[Found al008]

algop

rog

ALgoprog

Algoprog

aLgoprog

aalgoprog

aaalgoprog

allLlgoprog

algop

rog

[Found al008]

[Found al008]

aLagoprog

alg

oprog

END: 15

Original String: algo prog algoprog algop rog ALgoprog Algoprog aLgoprog aalgoprog aaalgoprog allLlgoprog algop rog algoprog algoprog aLagoprog alg oprog

**Sample Input (6):**

key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key

ke003

**Sample Output (6):**

START: 49

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

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[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

[Found ke003]

END: 0

Original String: key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key key

**Sample Input (7):**

AAA BBB CCC DDD EEE FFF GGG HHH III JJJ KKK LLL MMM NNN OOO PPP QQQ RRR SSS TTT UUU VVV WWW XXX YYY ZZZ key ABC DEF GHI JKL MNO PQR STU VWX YZ keY AAA BBB CCC DDD EEE FFF GGG HHH

ke003

**Sample Output (7):**

START: 45

AAA

BBB

CCC

DDD

EEE

FFF

GGG

HHH

III

JJJ

KKK

LLL

MMM

NNN

OOO

PPP

QQQ

RRR

SSS

TTT

UUU

VVV

WWW

XXX

YYY

ZZZ

[Found ke003]

ABC

DEF

GHI

JKL

MNO

PQR

STU

VWX

YZ

[Found ke003]

AAA

BBB

CCC

DDD

EEE

FFF

GGG

HHH

END: 43

Original String: AAA BBB CCC DDD EEE FFF GGG HHH III JJJ KKK LLL MMM NNN OOO PPP QQQ RRR SSS TTT UUU VVV WWW XXX YYY ZZZ key ABC DEF GHI JKL MNO PQR STU VWX YZ keY AAA BBB CCC DDD EEE FFF GGG HHH

**Sample Input (8):**

This is aaa long input string with special characters like @#$%^&\*()\_+ and numbers 1234567890 but the key is not here This is aaa long input string with special characters like @#$%^&\*()\_+ and numbers

is002

**Sample Output (8):**

START: 33

This

[Found is002]

aaa

long

input

string

with

special

characters

like

@#$%^&\*()\_+

and

numbers

1234567890

but

the

key

[Found is002]

not

here

This

[Found is002]

aaa

long

input

string

with

special

characters

like

@#$%^&\*()\_+

and

numbers

END: 30

Original String: This is aaa long input string with special characters like @#$%^&\*()\_+ and numbers 1234567890 but the key is not here This is aaa long input string with special characters like @#$%^&\*()\_+ and numbers

**Sample Input (9):**

ka003 kb001 ke003 kc001 kd001 ke001 ke003 kf001 kg001 kh001 ki001 kj001 kk001 kl001 ke003 km003 kn001 ko001 kp001 kq001 ke003 kr001 ke003 ks001 kt001 ku001 ke003 kv001 kw001 kx001 ky003 kz001 ke003

ke003

**Sample Output (9):**

START: 33

ka003

kb001

ke003

kc001

kd001

ke001

ke003

kf001

kg001

kh001

ki001

kj001

kk001

kl001

ke003

km003

kn001

ko001

kp001

kq001

ke003

kr001

ke003

ks001

kt001

ku001

ke003

kv001

kw001

kx001

ky003

kz001

ke003

END: 33

Original String: ka003 kb001 ke003 kc001 kd001 ke001 ke003 kf001 kg001 kh001 ki001 kj001 kk001 kl001 ke003 km003 kn001 ko001 kp001 kq001 ke003 kr001 ke003 ks001 kt001 ku001 ke003 kv001 kw001 kx001 ky003 kz001 ke003

**Sample Input (10):**

eaSy easy easY easSyyYY eaSY

ea004

**Sample Output (10):**

START: 5

[Found ea004]

[Found ea004]

[Found ea004]

easSyyYY

[Found ea004]

END: 1

Original String: eaSy easy easY easSyyYY eaSY