

Build functions of string.

Locate the Target String

Problem

Submissions

Leaderboard

Discussions

Given two strings str & target, return the index where target string occurs for the first time in String str.

Sample Input 0



s → apple people
t → "pl"

Sample Output (

4

$s \rightarrow$ index of t \Rightarrow perfect.

$s \rightarrow$ $g_{\{1,2\}} e_k$

$t \rightarrow$ e_k

eg.

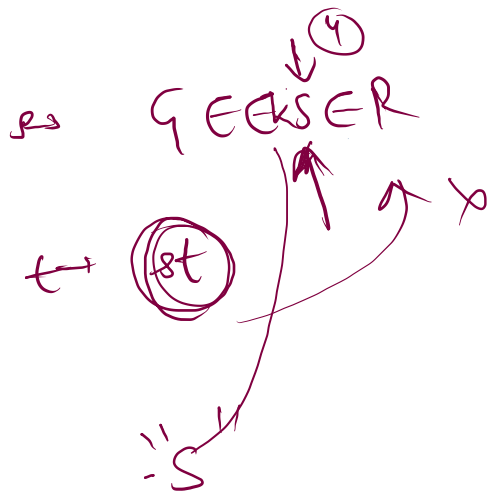
$\rightarrow s \rightarrow$ abcde de
 ↓
 3
 $t \rightarrow$ de

s.i

s. indexOf (t)

t in your s string.

eg.



-1

"SE"
"ST" x

8

S

.

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scn = new Scanner(System.in);
8         String s = scn.next();
9         String t = scn.next();
10
11         System.out.println(s.indexOf(t));
12     }
13 }
```

Find Distance B/W Two Characters

Sample Input 0

s → Geeks
a → G
b → s

Sample Output 0

3

s → Geeks

a → s
b → G

abs. (idx(a) - idx(b) - 1)

| -10 |

| -10 | = 10

|10| = 10

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scn = new Scanner(System.in);
8         String s = scn.next();
9         char a = scn.next().charAt(0);
10        char b = scn.next().charAt(0);
11
12        int idx1 = s.indexOf(a);
13        int idx2 = s.indexOf(b);
14
15        int ans = Math.abs(idx1 - idx2) - 1;
16        System.out.print(ans);
17    }
18 }
```

dist

(

= 0

= 4

✓

$s \rightarrow$

"abcde"

substring.

a

ab

abc

abcd

abcde

b

bc

bcd

bcde

c

cd

cde

d

de

e


```

8
9 public class Main
10 {
11     public static void main(String[] args) {
12         String s = "abcde";
13         // 0 1 2 3 4
14         System.out.println(s.substring(2));
15     }
16 }
17
18

```

cde

```

public class Main
{
    public static void main(String[] args) {
        String s = "abcde";
        // 0 1 2 3 4
        // System.out.println(s.substring(1));
        System.out.println(s.substring(1,4));
    }
}

```

bcd

abcd

a

ab

abc

abcd

b

bc

bcd

c

cd

d

"abcd"

a_0

ab_1

abc_2
 $abcd_3$

b_1

bc_2

bcd_3

c_2

cd_3

d_3

start
 n

end

0	0, 1, 2, 3
✓ 1	1, 2, 3 ✓
2	2, 3
3	3

start = 0

end = 2

↓
substring(0, 2+1)

bcd

✓
s → a b c d e
0 1 2 3 4
↑ ↑

?

start = 1
end = 3

substring (start , end+1) → bcd

```

4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scn = new Scanner(System.in);
8         String s = scn.next();
9         int n = s.length();
10
11         for(int start = 0; start < n; start++){
12             for(int end = start; end < n; end++){
13                 System.out.println(s.substring(start, end + 1);
14             }
15         }
16     }
17 }

```

n =

0 → 0 1 2 3

1 → 1 2 3

2 → 2 3

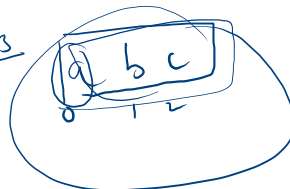
3 → 3

end.

start = 0
end = 0/2

0 < 3

2 < 3



n = 3

1 < 3 a
ab
abc

0, 2 ?

ss(0, 1) ?

ss(0, 2+1)

start
end

a	b	c	d	e
0	1	2	3	4

$\left. \begin{array}{l} \text{start} = 1 \\ \text{end} = 3 \end{array} \right\}$

"bcd"

bc
bcd ?

s. subarray (1, 3)
 ↓ ?
 (start, end)

```

for (i = start; i ≤ end; i++)
    sysd(A[i]);
  
```

$$\textcircled{\underline{\underline{1\ 2\ 3''}}} \rightarrow \textcircled{1\ 2\ 3}$$

$$2' \rightarrow 2$$

$$\textcircled{1\ 2\ 3}$$

$$\boxed{\checkmark 2' - 10'}$$

$$\boxed{50 - 48} = \textcircled{2}$$

$$\textcircled{1\ 2\ 3} - 10'$$

$$\textcircled{?}$$