

String length using pointer.

Algorithm

Step 1: Start

Step 2: Input str1

Step 3: $S = \&\text{count}$

Step 4: $\text{count} = 0$

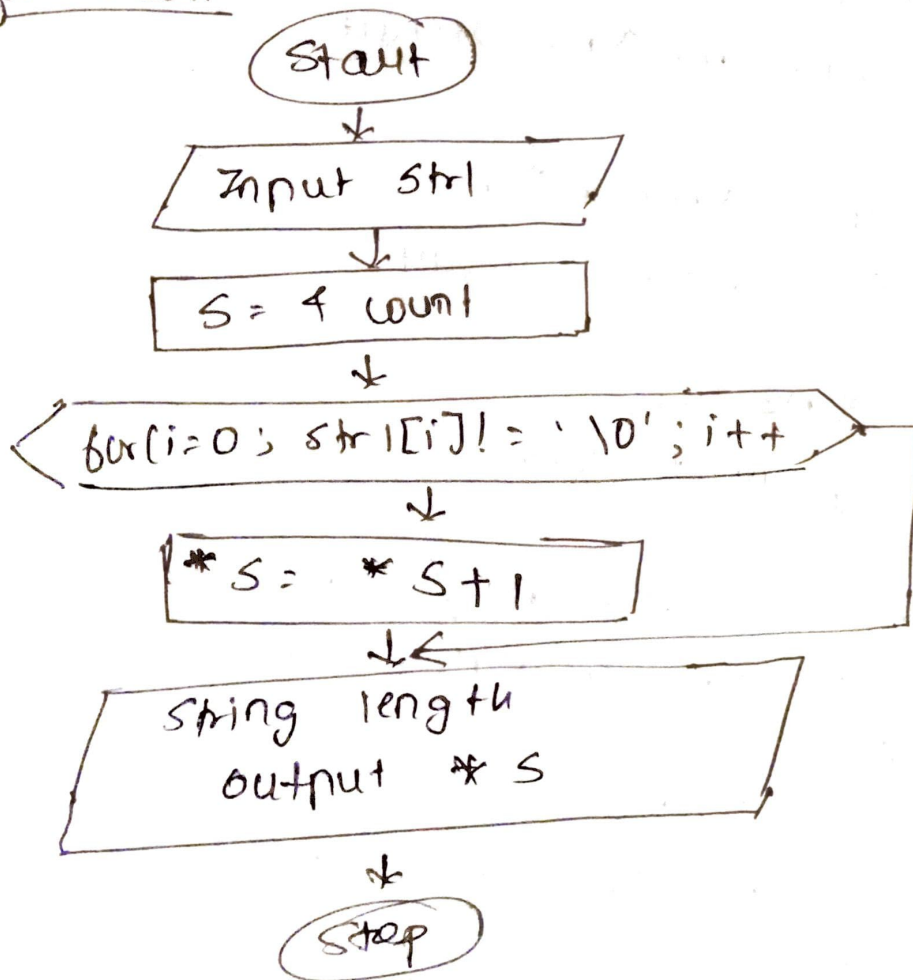
Step 5: $\text{for}(i=0; \text{str1}[i] \neq '\backslash 0'; i++)$

$*S = *S + 1$

Step 6: String length is output $*S$

Step 7: Stop.

flowchart



```
1 #include <stdio.h>
2 void main()
3 {
4     char str1[10];
5     int count,i;
6     int *s;
7     s=&count;
8     printf("Enter the string\n");
9     scanf("%s",str1);
10    printf("%s", str1);
11    count=0;
12    for(i=0;str1[i]!='\0';i++)
13    {
14        *s=*s+1;
15    }
16    printf("\nString length is %d",*s);
17 }
18
```

16:1

Open File

✓ Custom

Custom Input

sush80

Status Runtime error **Date** 2020-07-15 15:03:24 **Time** 0 sec **Mem** 9.424 kB

Input

sush80

Output

Enter the string
sush80
String length is 6

Runtime Error