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## Code, Compile & Run

Ide

x

+

Context Cook/Name (e.g., JAVASY/PRIMEVER)

Problem Cook/Name (e.g., TEST)

Select

C (gcc 6.7)



Code gets reformatted every second



```

1 #include <stdio.h>
2 #include<string.h>
3 int main()
4 {
5     char str1[50],str2[50];
6     int i=0,j=0;
7     printf("enter first string\n");
8     gets(str1);
9     puts(str1);
10    printf("enter second string\n");
11    gets(str2);
12    puts(str2);
13    while(str1[i]!='\0')
14    {
15        i++;
16    }
17    while(str2[j]!='\0')
18    {
19        str1[i]=str2[j];
20        j++;
21        i++;
22    }
23    str1[i]='\0';
24    printf("concatenated string is %s",str1);
25 }
26

```

10/15



Open File

✓ Custom Input

Run

Custom Input

Computer  
Science

Status Successfully executed Date 2020-06-20 05:31:10 Time 0 sec Mem 9.424 kB



Input

Computer  
Science

Output

```

enter first string
Computer
enter second string
Science
concatenated string is ComputerScience

```

C program to implement strcat without using inbuilt function.

Algorithm:

Step1: Start

Step2: input str1, str2

Step3: while (str1[i] != '\0')  
i++

Step4: while (str2[j] != '\0')  
str1[i] = str2[j]  
j++  
i++

Step5: str1[i] = '\0'

Step6: Display concatenated string  
output str1

Step7: Stop

Flowchart:

