

## Code, Compile & Run

Ide x +

Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)



Code gets autosaved every second



```
1 #include<stdio.h>
2 int string_length(char*);
3 void reverse(char*);
4 main() {
5     char string[100];
6     printf("Enter a string\n");
7     gets(string);
8     reverse(string);
9     printf("Reverse of entered string is \"%s\".\n", string);
10    return 0;
11 }
12 void reverse(char *string)
13 {
14     int length, c;
15     char *begin, *end, temp;
16     length = string_length(string);
17     begin = string;
18     end = string;
19     for ( c = 0 ; c < ( length - 1 ) ; c++ ) end++;
20     for ( c = 0 ; c < length/2 ; c++ )
21     {
22         temp = *end;
23         *end = *begin;
24         *begin = temp;
25         begin++; end--;
26     }
27 }
28 int string_length(char *pointer)
29 {
```

0:0



Open File

✓ Custom Input

Run

Custom Input

priyanka

Status Successfully executed

Date 2020-07-20 10:34:12

Time 0 sec

Mem 9.424 kB



Input

priyanka

Output

Enter a string  
Reverse of entered string is "aknayirp".

Algorithm :

4A L19CS070

step 1 : start

step 2 : Declare all the variable

step 3 : Enter the string to be reversed

step 4 : Find out the length of string.

step 5 : Swap the position of array element using loop.

step 6 : store the swapped position

step 7 : print the reversed string as console output.

step 8. stop

# Flowchart

