







## Code, Compile & Run

ide ✕ +


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 #include <string.h>
3 void main()
4 {
5     {
6         char string[25], reverse_string[25] = {'\0'};
7
8         int i, length = 0, flag = 0;
9         printf("Enter a string \n");
10        gets(string);
11
12        /* keep going through each character of the string till its end */
13
14        for (i = 0; string[i] != '\0'; i++)
15
16        {
17            length++;
18        }
19
20        printf("The length of the string '%s' = %d\n", string, length);
21
22        for (i = length - 1; i >= 0 ; i--)
23
24        {
```

0:0 

Open File

☒ Custom Input

Run

Custom Input

2001

Status Runtime error Date 2020-06-23 09:28:02 Time 0 sec Mem 9.424 kB ✕

Input

2001

Output

Enter a string  
The length of the string '2001' = 4  
2001 is not a palindrome

Runtime Error

NZEC



(i) Algorithm:

step 1 : start

step 2 : Input s (string)

step 3: len = 0, Flag = 0

step 4: while (s[len] != Null)  
len ++

step 5: i = 0, j = len - 1

step 6: while (i < (len/2) + 1)  
if (s[i] == s[j])

Flag = 0

else

Flag = 1

i ++, j --

step 7: if (Flag == 0)

Print key is a Palindrome

else

Print key is Not a palindrome

step 8: End.

(ii) Flowchart :

