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An Educational Initiative

Hi, rukshith!!



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Code, Compile & Run

Ide x

Context Code/Name (e.g., JAVASYMPHONY)

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

Select

C (gcc 6.7)



Code gets recompiled every second



```

1 #include <stdio.h>
2 #include <string.h>
3 int main()
4 {
5     char string[100];
6     printf("enter the string:\n");
7     scanf("%s", string);
8     char temp;
9     int i, j;
10    int n = strlen(string);
11    for(i = 0; i < n - 1; i++)
12    {
13        for(j = i + 1; j < n; j++)
14        {
15            if(string[i] > string[j])
16            {
17                temp = string[i];
18                string[i] = string[j];
19                string[j] = temp;
20            }
21        }
22    }
23    printf("\nthe sorted string is: %s", string);
24    return 0;
25 }

```

5/5



Open File

✓ Custom Input

Run

Custom Input

string

Status Successfully executed Date 2020-06-25 02:47:47 Time 0 sec Mem 9.424 kB



Input

string

Output

enter the string:
the sorted string is: gtsrni

C program to sort string in alphabetical order

Algorithm:

1. Start
2. Input to sort string in alphabetical order.
3. temp, i, j
4. $n = \text{strlen}(\text{string})$
5. $\text{for}(i=0; i < n-1; i++)$
{
 $\text{for}(j=i+1; j < n; j++)$
 {
 if($\text{string}[i] > \text{string}[j]$)
 }
}
6. $\text{temp} = \text{string}[i]$
 $\text{string}[i] = \text{string}[j]$
 $\text{string}[j] = \text{temp}$
7. Output the sorted string
8. Stop.

Flowchart:

