



OR

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Alvas Institute of Engineering & Technology ✓

2020 ▼

C(gcc 6.3) ▼

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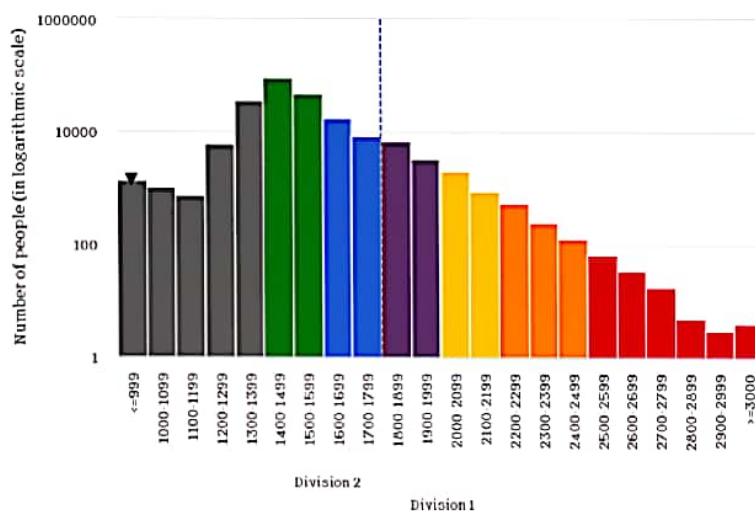
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Rating Graphs



CodeChef Rating Distribution



0


 CodeChef Rating
 (Highest Rating 0)

NA

Global Rank

NA



Country Rank







Contests	Rating	Global Rank	Country Rank
Long Challenge	0	NA	NA
Cook-off	0	NA	NA
Lunch Time	0	NA	NA

Recent Activity


Date/Time	Problem	Result	Lang
No Recent Activity			

Code, Compile & Run

ide  

C (gcc 6.3)   Code gets auto-saved every second    

```
1
2 #include <stdio.h>
3 #include <stdlib.h>
4 #include <string.h>
5
6 void sort_string(char*);
7
8 int main()
9 {
10     char string[100];
11
12     printf("Enter some text\n");
13     gets(string);
14
15     sort_string(string);
16     printf("%s\n", string);
17
18     return 0;
19 }
20
21 void sort_string(char *s)
22 {
23     int c, d = 0, length;
24     char *pointer, *result, ch;
25
26     length = strlen(s);
27     result = (char*)malloc(length+1);
28
29 }
```

09:1 

☒ Custom Input

Code, Compile & Run

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

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)

Code gets auto saved every second

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```
44 * {
23     int c, d = 0, length;
24     char *pointer, *result, ch;
25
26     length = strlen(s);
27     result = (char*)malloc(length+1);
28
29     pointer = s;
30
31     for ( ch = 'a' ; ch <= 'z' ; ch++ )
32     {
33         for ( c = 0 ; c < length ; c++ )
34         {
35             if ( *pointer == ch )
36             {
37                 *(result+d) = *pointer;
38                 d++;
39             }
40             pointer++;
41         }
42         pointer = s;
43     }
44 }
45
46 *(result+d) = '\0';
47
48 strcpy(s, result);
49 free(result);
50 }
```

49:1

⌂

C program to sort string in alphabetic
-al order

Algorithm :-

Step 1 :- start

Step 2 :- Create two 2D character array of some fixed capacity.

Step 3 :- Take the size of the array as input from the user, and fill the array with names taking them as input.

Step 4 :- Now to sort this array, first make a nested for loop with i and j as iterators respectively.

Step 5 :- The outer will run from 0 to size-1, extracting each name of position i , one by one.

Step 6 :- The inner loop will run from $i+1$ to size-1, comparing the name extracted by outer loop to all the names below it.

Step 7 :- At each comparison, if the name above is alphabetically greater than the name below, then these two names are interchanged.

step 8 :- After executing the nested loop code section, we will obtain an array of element names in proper alphabetical order.

step 9 :- stop.

Flowchart :-

