



Code, Compile &...
codechef.com



Hello pushpitha2001



Logout

PRACTICE & LEARN COMPETE DISCUSS OUR INITIATIVES ASSOCIATE WITH US

MORE

Home > IDE

Code, Compile & Run

IDE

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

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)

Code gets auto saved every second

```
1
2 #include <stdio.h>
3 int main()
4 {
5     char str[100];
6     char *p;
7     int vCount=0,cCount=0;
8
9     printf("Enter any string: ");
10    fgets(str, 100, stdin);
11    p=str;
12    while(*p!='\0')
13    {
14        if(*p=='A' || *p=='E' || *p=='I' || *p=='O' || *p=='U'
15            || *p=='a' || *p=='e' || *p=='i' || *p=='o' || *p=='u')
16            vCount++;
17        else
18            cCount++;
19        p++;
20    }
21
22    printf("Number of Vowels in String: %d\n",vCount);
23    printf("Number of Consonants in String: %d",cCount);
24    return 0;
25 }
```

1721

Open File

✓ Custom Input

Run

Custom Input

pushpitha

Status Successfully executed Date 2020-07-22 10:59:54 Time 0 sec Mem 9.424 kB

Input

pushpitha

Output

Enter any string: Number of Vowels in String: 3
Number of Consonants in String: 7

Algorithm

Step 1 :- Start

Step 2 :- Read str, vowel, consonant

Step 3 :- Vowel, consonant

Step 4 :- Input the line

Step 5 :- Print the given line.

Step 6 :- $len \leftarrow$ length of the string

Step 7 :- Using for loop perform the step 7 to step 10
until len check whether the $a[i]$ is any of
a, e, i, o, u if yes.

vowel \leftarrow vowel + 1 else go to step 8.

Step 8 :- check whether the $a[i]$ is between A & Z.

if yes $con \leftarrow con + 1$

Step 9 :- print vowel & consonant.

Step 10 :- Stop.

Flowchart