

Z 323 Percentage of Vowels

Problem

Submissions

Leaderboard

Discussions

Bunny has a string. Bunny likes vowel and dislikes consonants so he would like to know what percentage of the characters in the string are vowels.

Input Format

Only one line of input that contains one string.

Constraints

One string that only contains lowercase or uppercase letters. The length of this string will not be greater than 100.

Output Format

Output the required percentage upto 4 decimal places.

Sample Input 0

```
bunnyisastringlover
```

Sample Output 0

```
30.0000
```

Explanation 0

total characters : 20 vowels : 6 percentage = $(6/20)*100 = 30$



Contest ends in 2 days

Submissions: 428

Max Score: 50

Difficulty: Medium

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C++14



```
1 #include<bits/stdc++.h>
2 using namespace std;
3
4 int main(){
5     string name;
6     cin >> name;
7     int vowelCount = 0;
8     for(int i = 0; i < name.length(); i++){
9         if(name[i] == 'a' || name[i] == 'e' || name[i] == 'i' || name[i] == 'o' || name[i] == 'u'){
10             vowelCount++;
11         }
12     }
13     float answer = ((float)(vowelCount) / name.size()) *100;
14     cout << fixed << setprecision(4) << answer << endl;
```

```
15     return 0;
16 }
```

Line: 1 Col: 1

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