

Letter Challenge

After the previous game ended well, Jojo who was not satisfied made a new game called "Letter Challenge". In this game, Jojo would show a sentence and ask Bibi to read the sentence. Lili who was not allowed to see the sentence, was asked by Jojo to count the number of distinct vowels and distinct consonants from the sentence Bibi read, help Lili complete the game well.

Format Input

There is 1 sentence S, where S consists only of lowercase letters and spaces.

Format Output

Output 2 lines, where the first line has the format "Vocal: X" (without quotes) and the second line has the format "Consonant: Y" (without quotes). X indicates the number of distinct vowels and Y denotes the number of distinct consonants.

Constraints

• $1 \le |S| \le 10^6$, where S denotes the length of the string S.

Sample Input (standard input)

binus university

Sample Output (standard output)

Vocal: 3 Consonant: 7

Sample Input (standard input)

jojo lili bibi

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Sample Output (standard output)

Vocal: 2 Consonant: 3



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Setelah permainan sebelumnya berakhir dengan baik, Jojo yang merasa tidak puas membuat permainan baru yang bernama "Letter Challenge". Pada permainan ini, Jojo akan memperlihatkan sebuah kalimat dan meminta Bibi untuk membacakan kalimat tersebut. Lili yang tidak diperbolehkan melihat kalimat tersebut diminta Jojo untuk menghitung jumlah huruf vokal dan konsonan yang berbeda dari kalimat yang dibacakan Bibi. Bantulah Lili dalam menyelesaikan permainan tersebut dengan baik.

Format Input

Terdapat 1 kalimat S, dimana S hanya terdiri dari huruf kecil dan spasi.

Format Output

Keluarkan 2 baris, dimana baris pertama memiliki format "Vocal: X" (tanpa kutip) dan baris kedua memiliki format "Consonan: Y" (tanpa kutip). X menandakan jumlah huruf vokal yang berbeda dan Y menandakan jumlah huruf konsonan yang berbeda.

Constraints

• $1 \le |S| \le 10^6$, dimana S merupakan panjang string S.

Sample Input (standard input)

binus university

Sample Output (standard output)

Vocal: 3 Consonant: 7

Sample Input (standard input)

jojo lili bibi

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Sample Output (standard output)

Vocal: 2 Consonant: 3



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