

The Minion Game

Kevin and Stuart want to play the 'The Minion Game'.

Game Rules

Both players are given the same string, S .

Both players have to make substrings using the letters of the string S .

Stuart has to make words starting with *consonants*.

Kevin has to make words starting with *vowels*.

The game ends when both players have made all possible substrings.

Scoring

A player gets **+1** point for each occurrence of the substring in the string S .

For Example:

String $S = BANANA$

Kevin's vowel beginning word = ANA

Here, ANA occurs twice in $BANANA$. Hence, Kevin will get **2** Points.

For better understanding, see the image below:



STUART 		KEVIN	
WORDS	SCORE	WORDS	SCORE
B	1	A	3
N	2	AN	2
BA	1	ANA	2
NA	2	$ANAN$	1
BAN	1	$ANANA$	1
NAN	1		
$BANA$	1		
$NANA$	1		
$BANAN$	1		
$BANANA$	1		
TOTAL	12	TOTAL	9

Your task is to determine the winner of the game and their score.

Input Format

A single line of input containing the string S .

Note: The string S will contain only uppercase letters: $[A - Z]$.

Constraints

$$0 < \text{len}(S) \leq 10^6$$

Output Format

Print one line: the name of the winner and their score separated by a space.

If the game is a draw, print *Draw*.

Sample Input

```
BANANA
```

Sample Output

```
Stuart 12
```

Note :

Vowels are only defined as *AEIOU*. In this problem, *Y* is not considered a vowel.