

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:

BANANA			
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

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

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.