



# The Minion Game

by DOSHI

Problem

Submissions

Leaderboard

Discussions

Editorial

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		
<b>TOTAL</b>	<b>12</b>	<b>TOTAL</b>	<b>9</b>

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.

[f](#) [t](#) [in](#)

Submissions: [16434](#)

Max Score: 40


Difficulty: Medium

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Current Buffer (saved locally, editable)  

Python 3  

```
1 def minion_game(string):
2     # your code goes here
3     s = string
4     ln = len(s)
5     vowels = 'AEIOU'
6
7     kevsc = 0
8     stusc = 0
9     for i in range(ln):
10        if s[i] in vowels:
11            kevsc += (len(s)-i)
12        else:
13            stusc += (len(s)-i)
14
15        if kevsc > stusc:
16            print("Kevin", kevsc)
17        elif kevsc < stusc:
18            print ("Stuart", stusc)
19        else:
20            print ("Draw")
21
23 if __name__ == '__main__':
```

Line: 21 Col: 1

 Upload Code as File ☐ Test against custom input

Run Code

Submit Code

**Accepted**

✓ Test Case #0

✓ Test Case #3

✓ Test Case #6

✓ Test Case #1

✓ Test Case #4

✓ Test Case #7

✓ Test Case #2

✓ Test Case #5

✓ Test Case #8

✔ Test Case #9  
✔ Test Case #12

✔ Test Case #10  
✔ Test Case #13

✔ Test Case #11  
✔ Test Case #14