

The Minion Game ★

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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.

Function Description

Complete the `minion_game` in the editor below.

`minion_game` has the following parameters:

- string `string`: the string to analyze

Prints

- string: the winner's name and score, separated by a space on one line, or Draw if there is no winner

Input Format

A single line of input containing the string S .

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

Constraints

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

Sample Input

BANANA

Sample Output

Stuart 12

Note :

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

[Change Theme](#)

Language

Pypy 3



```

1
2  def minion_game(string):
3      # your code goes here
4      vow = set("AEIOU")
5      stuart_score = 0
6      kevin_score = 0
7
8
9      for i in range(len(string)):
10         if string[i] in vow:
11             # 重要的规律
12             kevin_score += len(string) - i
13         else:
14             stuart_score += len(string) - i
15
16     if stuart_score > kevin_score:
17         print(f"Stuart {stuart_score}")
18     elif kevin_score > stuart_score:
19         print(f"Kevin {kevin_score}")
20     else:
21         print("Draw")
22
23  if __name__ == '__main__':

```

EMACS

Line: 11 Col: 15

 Upload Code as File

☐ Test against custom input

Run Code


Submit Code

You have earned 40.00 points!

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53%

315/400



Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

✔ Test case 0	Compiler Message	
✔ Test case 1	Success	
✔ Test case 2	Input (stdin)	Download
	1 BANANA	
✔ Test case 3		
✔ Test case 4	Expected Output	Download
	1 Stuart 12	
✔ Test case 5		
✔ Test case 6		