

# The Minion Game ★

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Problem

Submissions

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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`: 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.

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Language

Python 3



```
1 def minion_game(string):
2     vowel="AEIOU"
3     s=0
4     k=0
5     x=len(string)
6     for i in range(x):
7         if string[i] in vowel:
8             k+=x-i
9         else:
10            s+=x-i
11     if s>k:
12         print("Stuart", s)
13     elif k>s:
14         print("Kevin", k)
15     else:
16         print("Draw")
17
18
19 if __name__ == '__main__': ...
```

[Upload Code as File](#)☐ Test against custom input[Run Code](#)[Submit Code](#)

You have earned 40.00 points!

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75%

355/400



## Congratulations

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

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### ✓ Test case 0

✓ Test case 1

✓ Test case 2

✓ Test case 3

✓ Test case 4

✓ Test case 5

✓ Test case 6

Compiler Message

Success

Input (stdin)

1 **BANANA**

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Expected Output

1 **Stuart 12**

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