# 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  $m{S}$ .

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  $m{S}$ .

### For Example:

String  $\mathbf{S} = BANANA$ 

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:



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  ${m S}$ .

**Note**: The string  $\boldsymbol{S}$  will contain only uppercase letters:  $[\boldsymbol{A}-\boldsymbol{Z}]$ .

Constraints

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

Sample Input

BANANA

# Sample Output

Stuart 12

#### Note:

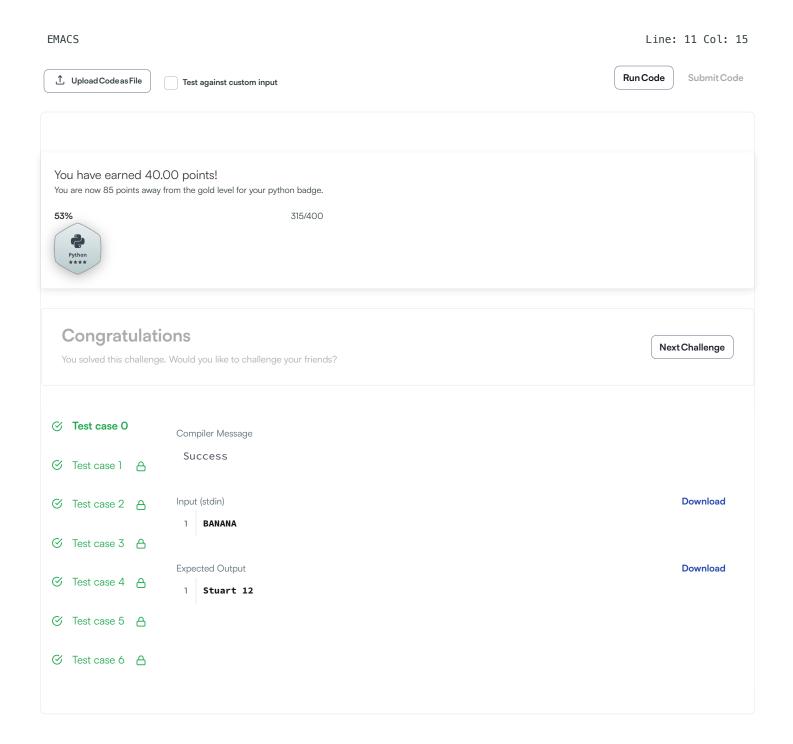
Vowels are only defined as AEIOU. In this problem, Y is not considered a vowel.

```
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)):
             if string[i] in vow:
10
11
                 # 重要的规律
                 kevin_score += len(string) - i
12
             else:
13
                 stuart_score += len(string) - i
15
         if stuart_score > kevin_score:
16
17
             print(f"Stuart {stuart_score}")
         elif kevin_score > stuart_score:
18
             print(f"Kevin {kevin_score}")
19
20
             print("Draw")
21
22
```

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if \_\_name\_\_ == '\_\_main\_\_': --

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