

The Minion Game

85 more points to get your next star!

Rank: 398509 | Points: 135/220

Python

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:

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**

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

**Sample Input**

BANANA

**Sample Output**

Stuart 12

**Note :**

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

Author

[deleted]

Difficulty

Medium

Max Score

40

Submitted By

147386

NEED HELP?

View discussions

View editorial

View top submissions

RATE THIS CHALLENGE

★

★

★

★

★

MORE DETAILS

Download problem statement

Download sample test cases

Suggest Edits



Change Theme

Language

Python 3

1

def minion\_game(string):

2

# your code goes here

3

4

> if \_\_name\_\_ == '\_\_main\_\_': ...

Line: 1 Col: 1

Upload Code as File

Test against custom input

Run Code

Submit Code