

Hexaware Coding Challenge Plan Day - 10

Problem - 1 Debugging

The screenshot displays the HackerRank interface for the 'Words Score' challenge. The left sidebar contains navigation links: Problem, Submissions, Leaderboard, and Lessons. The main content area is divided into two sections. The top section, titled 'Problem', describes the task: debugging a function `score_words` that calculates the score of a list of words based on the number of vowels. The bottom section, titled 'Input Format', specifies that the input consists of an integer `n` followed by `n` space-separated lowercase words. The 'Constraints' section lists two conditions: $1 \leq n \leq 20$ and each word has at most 20 letters. The 'Output Format' section states that the output is produced by the provided and locked code template. The right sidebar shows a 'Congratulations' message, indicating that the user has earned 10.00 points and solved 47/115 challenges. Below this, a list of test cases is shown, with 'Test case 0' through 'Test case 6' all marked as successful. The 'Input (stdin)' section shows the input: `2` followed by `hacker book`. The 'Expected Output' section shows the output: `4`. The 'Compiler Message' section shows 'Success'.

HackerRank Prepare > Python > Debugging > Words Score Exit Full Screen View

Problem

In this challenge, the task is to debug the existing code to successfully execute all provided test files.

Consider that vowels in the alphabet are a, e, i, o, u and y.

Function `score_words` takes a list of lowercase words as an argument and returns a score as follows:

The score of a single word is 2 if the word contains an even number of vowels. Otherwise, the score of this word is 1. The score for the whole list of words is the sum of scores of all words in the list.

Debug the given function `score_words` such that it returns a correct score.

Your function will be tested on several cases by the locked template code.

Input Format

The input is read by the provided locked code template. In the first line, there is a single integer `n` denoting the number of words. In the second line, there are `n` space-separated lowercase words.

Constraints

- $1 \leq n \leq 20$
- Each word has at most 20 letters and all letters are English lowercase letters

Output Format

The output is produced by the provided and locked code template. It calls function

<https://www.hackerrank.com/dashboard>

Submissions

Leaderboard

Lessons

Test cases

You have earned 10.00 points!
47/115 challenges solved. 41%

Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#) [Next Challenge](#)

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) [Download](#)

1 2
2 hacker book

Expected Output [Download](#)

1 4