

Problem 192: Word Frequency

Problem Information

Difficulty: Medium

Acceptance Rate: 27.95%

Paid Only: No

Tags: Shell

Problem Description

Write a bash script to calculate the frequency of each word in a text file `words.txt`.

For simplicity sake, you may assume:

- * `words.txt` contains only lowercase characters and space `` `` characters.
- * Each word must consist of lowercase characters only.
- * Words are separated by one or more whitespace characters.

****Example:****

Assume that `words.txt` has the following content:

the day is sunny the the sunny is is

Your script should output the following, sorted by descending frequency:

the 4 is 3 sunny 2 day 1

****Note:****

- * Don't worry about handling ties, it is guaranteed that each word's frequency count is unique.
- * Could you write it in one-line using [Unix pipes](<http://tldp.org/HOWTO/Bash-Prog-Intro-HOWTO-4.html>)?

Code Snippets

Bash:

```
# Read from the file words.txt and output the word frequency list to stdout.
```