

Externally Suspended Warriorhood

Purpose

To practise manipulating Strings, Files and logic.

Due Date

The completed lab assignment is due Friday, 2017-01-20 *by the beginning of lecture*.

“Unnullified” words

Some words — for instance, “externally” and “suspended” — contain six or more consonants, all in *non*-increasing order. For the purposes of this lab assignment, consonants are letters that are neither vowels, nor ‘y’. A vowel is any one of ‘a’, ‘e’, ‘i’, ‘o’, or ‘u’. Note that a consonant may appear more than once, but the sequence of consonants cannot contain an increasing pair. For instance, “extranatally” is illegal because ‘n’ comes before ‘t’.

- ⇒ Search the the file `/usr/share/dict/words` to find all of the words that it contains that have the above property. Write the list of words to a file `tesseractarian.txt` in your lab directory, and print the file when you hand in your assignment.

Regardless of where or how you develop your code, transfer it to a lab machine in 8-457 and run it there.

Think very hard about the required logic, and code as cleanly as you can.