

Kade Tambo

Programming Assignment 4

Linked List

April 11, 2017

Abstract

For program 4, the class had to implement a speller checker that could read files, such as books or list of words, and count the words we considered to be correct and consider the other words incorrect, regardless of whether the word we considered is spelled correct in the English dictionary. The code we wrote had to count the words from the list that were found and the words from the list that were not found, and average them out. One issue I repeatedly had while running the program was I kept getting odd numbers in my output. The problem turned out to be the type I was assignment to my “wordsFound”, “WordsNotFound”, “ComparisonsofwordsNotFound”, and “ComparisonsofWordsFound”. Originally, I assigned them as Integers, but they need to be assigned as another primitive type. Once I re-assigned them as long my code no longer outputted negative numbers as results.

OutPut:

run:

The amount of words found: 914054

The amount of comparisons of words found: 3247710180

The amount of words not found: 64537

The amount of comparisons of words not found: 479317049

The average amount of words found to comparisons of words: 3553

The average amount of words not found to comparisons of words: 7427

BUILD SUCCESSFUL (total time: 1 minute 44 seconds)