

## Homework Assignment

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### HW6: Counting Words

**Assigned:** 28 November 2019

**Due:** 5 December 2019 by class time

The purpose of this assignment is to learn about strings, pointers, structs, and typedef. You will write a program in C that prints out the DISTINCT words sorted into increasing order of frequency of occurrence. Precede each word by its count. Do this by creating a struct that holds the word as a string, and the frequency of the word.

For this assignment, you will work with the following file:

`gettysburg.txt`

Call the program `wordcounter.c`. As usual, run the typescript file that captures the program and the outputs.