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Module 7: Testing Assignment

The program has been modified to accept text files as input for the words to be analyzed alongside being able to read websites. This was done by taking advantage of Java’s overloaded methods where two methods can have the same name but different amount of parameters to distinguish between them. The first unit test case was the same poem Nevermore to be tested, the following testcases in order were One Art, Because I could not stop for Death and Still I Rise. To create the test cases, I used online word analyzers to count the frequency of words. After getting a list of the top 20 words, I used Microsoft word to double check the results from the online tests and created an output file that would match the program’s output if the program ran correctly. The program structure was created to allow for many testcases to be created and using a file reader as its own external class to be used across multiple classes.