

# Programming Assignment 4

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## Abstract

The problem for this assignment was to create a spell checker like the one that is used in Microsoft Word. Our spell checker reads in its own dictionary and then it reads in the book that we spell check. The dictionary is read in to a list of linkedlists. After reading the book line by line we split the line up into words by using the .split method on each line. We got rid of any extra characters that weren't letters and made all of the letters lowercase, so that the ASCII values would all be in the same range for comparing. The rest is just counting each comparison as one found or one not found and outputting the data.