



# Word Counter

Write a C++ program that will read in a text file and provide the following analysis of the text:

- Number of characters
- Number of words
- Number of sentences

To determine the number of words, simply scan the string and add one everytime you hit a space. Be careful though, sometimes there are two spaces after punctuation marks.

To count the number of sentences, simply scan the string and add 1 every time you hit a punctuation mark (ie. period or exclamation mark or question mark).

## Reading a Text File

The C++ code for reading a text file can be found in the booklet entitled "File Input and Output". The example provided reads a text file line by line and prints the result to the console. The code can be easily modified to store the entire contents of the text file into a single string variable.