

Function more_to_read(file)

 Disable whitespace skipping

 While the next character in the file is a space

 Read and discard the space character

 Return true if the end-of-file or a control character is encountered, else return false

End Function

Function fcc(fixme_filename, typo_filename, fixo_filename, fixed_sentence)

 Open the fixme file as fixme_file

 Open the typo file as typo_file

 Open the fixo file as fixo_file

 If any of the files could not be opened

 Print an error message and return -1

 End If

 Initialize empty vectors typos and fixos to store typo and fixo words

 Initialize an empty string word to store the current word

 Read typos and fixos from the typo_file and fixo_file into the respective vectors

 Check if the number of typos and fixos matches

 If they do not match

 Print an error message and return -1

 End If

 Initialize the variable corrections to count autocorrections

 Read words from the fixme_file

While there are more words in the fixme_file

 Read the next word into the word variable

 Set a flag corrected to false

 Iterate through the typos and fixos vectors

 For each pair of typo and fixo words at index i

 If the current word is equal to the typo at index i

 Add the fixo at index i to the fixed_sentence

 Increment the corrections count

 Set corrected to true

 Break out of the loop

 If the word was not corrected

 Add the word as is to the fixed_sentence

End While

Trim the trailing space from the fixed_sentence

Add a period to the end of the fixed_sentence

Close all the open files

Return the number of autocorrections

End Function