

1. Create 4 global variables
  - 1a. counter that has an int data type
  - 1b. wordChecker that has an int data type
  - 1c. corrections that has an int data type
  - 1d. fixedString that has a string data type
2. Have the more\_to\_read function that was already created
3. Create a compare\_files function with a int return type  
parameters:
  - 3 string vectors named fixMeVector, typoVector, and fixoVector
  - a string variable named fixedSentence
  - 3a. Initialize 3 of the global variables (counter, wordChecker, fixedSentence)
  - 3b. Loop through the fixMeVector and typoVector
  - 3c. Compare the items in each vector with an if statement
    - if the items match then increment both the counter and wordChecker variables by 1 and append the fixo word to the fixedSentence variable
  - 3d. Outside of the for loops add an if statement that checks if wordChecker is not equal to 1
    - if its not equal to 1 then append the fixMeWord item to the fixedSentence variable
  - 3e. Reset the wordChecker variable to 0
  - 3f. Return the counter variable
4. Create a loop\_through\_files function with a void return type  
parameters:
  - 3 files (fixoFile, typoFile, and fixMeFile)
  - 3 string vectors (fixoVector, typoVector, and fixMeVector)
  - an int variable named corrections
  - 4a. Set up a while loop that runs while there is still more to read in both the fixoFile and typoFile (use the more\_to\_read function)
    - within the loop initialize the fixo and typo string variables, read data from the fixo and typo file, and add that data to the fixo and typo vectors
  - 4b. Set up another while loop that runs while there is still more to read in the fixMeFile (use the more\_to\_read function)
    - within the loop initialize the fixMeString variable, read data from the fixMeFile, and add that data to the fixMeVector
  - 4c. Call the compare\_files variable with all of the vectors and string variable and save it into the corrections variable
5. Create a check\_files function with a bool return type  
parameters:
  - 2 files (fixoFile and typoFile)
  - 5a. Setup up an if statement
    - returns true if there is more to read in either the fixoFile or the typoFile (use the more\_to\_read function), returns false if there isn't
6. Create a remove\_end\_space function with a string return type  
parameters:
  - a string variable (string)
  - 6a. Initialize a lastCharacter variable to the index of the last character in the string argument
  - 6b. Set up a while loop that runs while the lastCharacter variable is greater than or equal to 0 and the character at the given index is blank
    - subtract the lastCharacter variable by 1
  - 6c. Return the substring of the original string without the last character
7. Use the fcc function with the given parameters
  - 7a. initialize the fix, typo, and fixMe files and open all of them
  - 7b. Initialize 3 vectors (fixoWords, typoWords, and fixMeWords)
  - 7c. Call the loop\_through\_files function with the given parameter variables/files/vectors
  - 7d. Call the remove\_end\_spaces function with fixedSentence as the argument. Save it to the fixed\_sentence variable and add a period at the end
  - 7e. Set up an if statement that calls the check\_files function with the fix and typo files as parameters
    - if there is still more data then it will return -1, if not then it will return the number of corrections

