Extra Credit Program

Input file #1, "words.txt" contains a list of words for which we'll be accumulating counts.

Step 1 – Read this list of words into an array.

Step 2 – Write a function which will accept this array, it's count, and a single word as parameters. The function should sequentially compare the single word to each item in the array, and return the index position in the array where the word is found or -1 if not found.

Step 3 – Declare an array of integers to keep track of word counts.

Input file #2, "text.txt" contains another list of words (the first paragraph of Moby Dick) one word per line.

Step 4 – Write a loop to read the second input file. For each word, call the function from step 2 to get the index position of the word in the master list. Increase the count for that word, i.e. the number of times that word has been seen.

Step 5 – Display the master list of words and the count of how many times each word was seen.

You can use either parallel arrays or structs

Example:

File 1:

am
because
don't
happy
i
sing

File 2:

i
don't
sing
because
i
am
happy
i
am
happy
because
i
sing

Output:

am 2
because 2
don't 1
happy 2
i 4
sing 2