Pseudocode:

Append:

open file, append mode

if that fails

return 0

append the message onto the end

save the file

return 1

This solves the problem by appending the sentence. Pretty simple.

Delete

open file

if it fails

return 0

for each sentence in the file

check word by word for the word

if found

copy the string to remove it

write the string to the file

return 1

Remove

open file

if it fails

return 0

for each sentence in the file

get the sentence

compare to the sentence to be removed

if they aren’t the same

copy sentence into new buffer

write the new buffer to the file

Find

open file

if it fails

return 0

for each sentence less than the number entered

get the sentence

if there are aren’t enough sentences

return an error message

return the nth sentence

Search

open file

if it fails

return 0

for each sentence in the file

for each word in the sentence

if it’s the same as the entered word

return the sentence

return an error message

Count

open file

if it fails

return 0

for each sentence in the file

for each word in the sentence

if it matches

inc count

return count