

Overview

In this assignment you will improve the BearHelper program you wrote in Homework4 as follows:

- Instead of reading the dictionary into an array of strings, you will read the entire file into a single string. Note that the words will be separated by newline characters. You will replace the newline characters with null characters. This will make it easier to use c-string functions like `strlen`, `strcpy`, etc. All you would need to do is pass a pointer to the first character in a word and the function will treat it like a string terminated by the null character.
- Instead of deleting the words that will not work, we will create an `ExpandableArray` that will store pointers to the words that work. This way, I can preserve the dictionary for further queries (without having to re-read the dictionary for each query) and the array of pointers can be easily sorted in any way we like.