<https://stackoverflow.com/questions/8231631/creating-a-simple-index-on-a-text-file-in-java>

<https://algs4.cs.princeton.edu/35applications/FileIndex.java.html>

<https://coderanch.com/t/500916/java/Indexed-text-files> ( good example)

<http://tutorials.jenkov.com/java-io/randomaccessfile.html>

[**https://www.taniarascia.com/bits-bytes-bases-and-a-hex-dump-javascript/**](https://www.taniarascia.com/bits-bytes-bases-and-a-hex-dump-javascript/)

[**https://stackoverflow.com/questions/8231631/creating-a-simple-index-on-a-text-file-in-java**](https://stackoverflow.com/questions/8231631/creating-a-simple-index-on-a-text-file-in-java)

EDIT: To create the index file, open the main file using RandomAccessFile and read it sequentially. Use the 'getFilePointer()' method at the start of each entry to read the position in the file, and store that plus the key in the index file. When looking up something read the file pointer from the index file and use the 'seek(long)' method to jump to the point in the original file.

[**https://stackoverflow.com/questions/42077102/how-can-i-create-and-access-an-index-to-go-in-a-specific-position-of-a-big-file**](https://stackoverflow.com/questions/42077102/how-can-i-create-and-access-an-index-to-go-in-a-specific-position-of-a-big-file) **( great code)**