Assignment #1 - Sorting Shakespeare's complete works Algorithms and Datastructure

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In groups:

We want Shakespeares complete works, sorted by word. Meaning that "to be or not to be, that is the question" would be sorted as: "be be is not or question that the to to".

You can find the complete works here:

https://github.com/cphbus-algorithms/general/ tree/master/assignments/01%20Shakespeare/shakespeare-complete-works.txt You shall in groups create a Java program, that can

- Read any textfile (as the above into an array or ArrayList)
 - All words should be lower case
 - No punktuations strip commas, full stops, etc.
- Sort the array using different sorting algorithms:
 - Selection Sort
 - Insertion Sort
 - Merge sort
- be extended with other sorting algorithms in the future.
- messure the time used for each algorithm

The solution accompanied with a description in a README.md file should be uploaded (pushed) to a git repository, and a linked should be send to MBEG and AKA, no later than Wednesday February 8. 12:00.