Assignment 01 - Sorting Shakespeare's complete works

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Algorithms & Data Structures, Spring 2019

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'll find the complete works in the GitHub course repository (or here): https://github.com/datsoftlyngby/soft2019spring-algorithms/tree/master/01-assignment

You will work in groups of three to 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.
- Measure time consumption for each algorithm and compare them, and discuss the results in a one-page summary.

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 JTF and AKA, no later than Tuesday February 15th, 08:30.