Task 2

"CSV Concurrent Sorter" is a CLI application that allows sorting of its input presented as CSV-text.

Technical details

Using the "CSV Sorter" from the Task 1, extend it with the following required features:

1. The application has additional option **`-d dir-name`** that specifies a directory where it must read input files from. All files in the directory must have the same format. The output stays the same, it is a one file with sorted content from all input files.
2. Processing must be implemented concurrently based on pipeline. The pipeline includes two stages:
    - Reading - read input and sent it line by line further.
    - Sorting - add received lines into the Tree.
3. The application outputs the result when the input ends up.
4. The project includes Unit tests covering the unit that builds the Tree.

Optional features (not required but appreciated):

1. Add signal processing that allows to gracefully stop the application when the user interrupts it pressing Ctrl-C. The interrupted application must write the current result.
2. If your application supports two types of algorithms, include to the project benchmarks comparing usages of these algorithms.