

Lab 09 exercise 01

The exercise has been changed using integers in place of characters as argument for threads.

In this way, only when the argument is actually a character is elaborated and printed.

The only thing done by the main thread (between thread synchronization) is to shift the arguments so that the read character goes to the updating thread, whose one in turn goes to the printing thread.

Once the reading thread fetch, using the `fgetc` function, `EOF`, the execution is not interrupted but instead continues as normal, until the character of the outputting thread is `EOF`.

This gives time for the last 2 characters of the file to be updated and printed.

The first 2 printed characters are no more ' ': this was "fixed" by setting the initial value of the arguments to '`\0`'. Characters are elaborated only if they are neither `\0` nor `EOF`.