

Assignment 1

Consider the general problems, which have been discussed in the lab classes and for which you have developed single-threaded solutions, and transform them into multithreaded applications running under Linux.

GRADING

- development and validation of a multithreaded version of one of the general problems according to specification – 13 points
- development and validation of a multithreaded version of both general problems according to specification – 20 points.

DELIVERABLE

- an archive, named `CLE1_T$G#.zip` (where `$`, equal to 1, ... , 4, means the lab number, and `#`, equal to 1, ... , 10, means the group number) containing both the source files of your solution to the two problems and a pdf file, named `present.pdf`, up to 6 pages (power point like), where the main ideas of the design of the solutions to the two problems and the timing results that were obtained on runs with 1, 2, 4, 8 *worker* threads, are discussed
- the archive should result from the compression of a directory, named `CLE1_T$G#`, containing two subdirectories, named `prog1` and `prog2`, and the file `present.pdf`
- the archive is to be sent to me by email.

DEADLINE

- March, 26, at midnight.