

Assignment 4

Rewrite your solution to Assignment 2 with changed requirements on parallel execution.

Requirement from Assignment 2:

- The parent process waits for the child process to terminate before processing the next row.

Replacement:

- The parent process will not wait for the child process to terminate before creating the next process.
- The processes will do the calculation of the new rows in parallel. Add some sleep time to simulate larger calculation.
- The processes will write the data into the transformed file sequentially. This is coordinated by the parent using signals.
- You can only use signal for inter-process communication.