Assignment 4

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

Requirement from previous assignment:

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

Replacement:

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

Marking Scheme:

  0.5 logically clear
  0.5 follow all instructions and correctly use signals
  0.5 successfully compile
  0.5 pass all tests