

This problem use the file created by the first exercise and it perform a sort of the number in each file and then it merge all numbers together in a single file.

The flow is the following:

1. Print all the file in dir into list.text
2. Count the line of the file
3. Loop over each file:
  - (a) Check the number of active sons
  - (b) Fork() and execute the command
4. Wait all sons
5. Final sort all together

Managing the concurrency of the system need some printf in order to understand the behaviour of the flow.