OS: Assignment I

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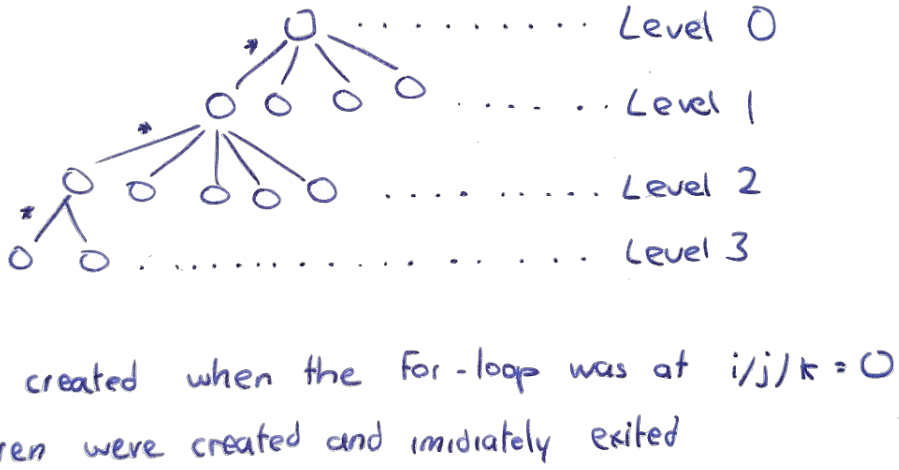
Problem I: (Visualisation)



Problem 5: Formalising the IPC Strategy of your two programs

Doing this assignment I felt I learned a lot about C and several of the subjects seen in class.

Upon being faced by Problems 2 and 3, I enjoyed a lot more doing problem 3, i.e using pipes as a way of making my Processes communicate.

Direct communication was also a lot clearer for me, I managed to get e better idea of what my program was doing at any given moment and thus being able to "follow" it. This allowed be to debug much more easily once I got the main idea right but the output was still not the result I wanted.
Automatic buffering also made it easier to not worry and know that whenever I called for a read/write, I wouldn't have to pause.

I used the internet when doing this project. I did not use it to find a program that would do the same thing I'm asked to do, however I did use it to look up an efficient random number generator, an easy way to set up pipes, an easy way of setting up a shared memory and, since I had no prior experience in C, to find the appropriate syntax for ideas I wanted to make (An Array of Strings, variable declarations and print() statements).