## Lab 3 Exercise 2

Implement a C program, `generation_tree_number.c`, which receives a command line parameter: `n`. The program must create the same tree of Exercise 1, but the main process, pushes its PID in a vector, creates its child, and terminates. The child process inherits the vector, and pushes its own PID in two copies of this vector, creates another two children, and terminates. Each created process performs the same steps, according to its level. **Process creation stops after all processes of level n have been created.** Each leaf child pushes its PID in its vector, and print its generation tree, i.e., the sequence of its saved PIDs. Example:

```
> generation_tree 5
Process tree: 12903 12904 12905 12907 12909
Process tree: 12903 12904 12905 12907 12910
Process tree: 12903 12904 12906 12908 12911
Process tree: 12903 12905 12907 12908 12912
```