1. There are 12 processes created including the program itself.
2. Fork() returns 0 to the child process and returns the process ID of the child process to the parent process. So it will reach the line if the forked process is a child process. Moreover, if the ‘execlp’ executed successfully, it will not reach the print function, it only reach there if the ‘execlp’ failed.
3. Parent: pid = 25301

Parent: pid1 = 25302

Child: pid = 0

Child: pid1 = 25301

1. A screenshot of a cell phone

   Description automatically generated

Feasible output: L0, Bye, L1, Bye, L2, Bye

1. The main process is not reaping its child process that may cause zombie child process as the main process running. The solution would be use waitpid to monitor child process and terminate the finished child process.