OPERATING SYSTEMS LABORATORY
Assignment 2
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1) The minimum number of lines I could achieve to solve this part is 17.

2) Unzip the submission and run the command: gmake all. This will create executables with the names half, twice and square.

3) To achieve this, I have modified the file forkexit.c in minix/servers/pm. I have added the specified lines at line number 115 and 246. Process is created in the method do_fork() and terminated in do_exit().

In part 1, parent process is created first. Then its child prints the letter H along with its pid. This process is then forked and its child prints the next letter and so on. The last process which prints the letter D is exited first, followed by its previous process. The processes exit in reverse order.

In part2, Only one process is created and exited after completion of all command line arguments.