

1. Part 1

- a. SA\_RESTART is a flag that tells the kernel that certain interrupted system calls should be restarted when signal handler returns. This makes sure that sections of code run and aren't skipped when the signal handler returns.
- b. The code does not satisfy the above requirements because of how alarm() and fgets() interact. Due to the fgets() blocking the execution flow alarm won't trigger and the code won't continue as it will be stuck waiting for input. If my memory serves me correct because I'm running out of time to test the original code also wasn't printing out the lines correctly.