

Lab 09 exercise 02

Write a **program** that is able to handle signals **SIGUSR1**, **SIGUSR2** and **SIGALRM** as follows:

Every 5 seconds it controls the sequence of signals received, and

- outputs an **error** message if it received signals **SIGUSR1** followed by signal **SIGUSR2** or vice versa,
- outputs a **success** message if **two** successive **SIGUSR1** (or **SIGUSR2**) signals,
- terminates if it has received at least **three** successive **SIGUSR1** (or **SIGUSR2**) signals.