

Lab 09 exercise 02

The program works by maintaining an history of the last 3 signals received (an array of 3 integers).

This array is updated inside the signal handler.

After updating the `hist` array it is checked to search if one of the conditions described in the exercise's text has been met, in which case an appropriate counter is increased.

With this method we can manage multiple *success* or *error* messages if the conditions are met multiple time during the 5 seconds of waiting time.

Once the `terminate` flag is set and the waiting time has passed, the program stop its execution.