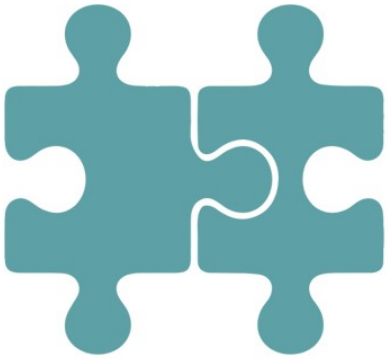

Implement software that receives as input via argv[] **the name of a file F and a string S** containing an arbitrary number of characters.
**The main thread of the application will have to create the file F and then read strings from the standard input indefinitely** and then write them, one per line, inside the file.
If the SIGINT signal is received (or CTRL_C_EVENT in the WinAPI case), **a new thread must be launched which reports the contents of file F inside another file with the same name, but with "_shadow" suffix, replacing all the strings that match the string S received by the application via argv[] with a string of the same length consisting of a sequence of '*' characters.** The work of this thread must be incremental, that is, it must report to the shadow file only the parts of the original file that were not previously reported. At the end of this operation, the thread will have to indicate on standard output the number of strings that have been replaced in total.

**The traffic light structure in this case is completely useless.**

Example:

**>>./a.out file_output dad**

**hywelcome,myfatherismydad**
**hywelcome,myfatherismy*****