***ALGORITHM OUTPUT OF LOCKEDME.COM:***

**The output of this algorithm would depend on the input given by the user and the files present in the specified directory.**

If the action is "create a file", the output would be a message indicating if the FILE CREATED SUCCESSFULLY in the specified directory, or an error message FILE COULD NOT BE CREATEDin the specified directory.

If the action is "delete", the output would be a message indicating if the

FILE DELETED SUCCESSFULLY in the specified directory, or an error message if the FILE DOES NOT EXIST in the specified directory.

If the action is "search", the output would be a message indicating if the

FILE FOUND! in the specified directory. or not FILE NOT FOUND in the specified directory.

If the action is "exit", the program would end its execution. The algorithm will repeat steps 5-21 until the action is "exit" and the final output will be the list of files in the specified directory sorted in ascending order.