**OOAD Project**

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*Team 09:*

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**KEYLOGGER**

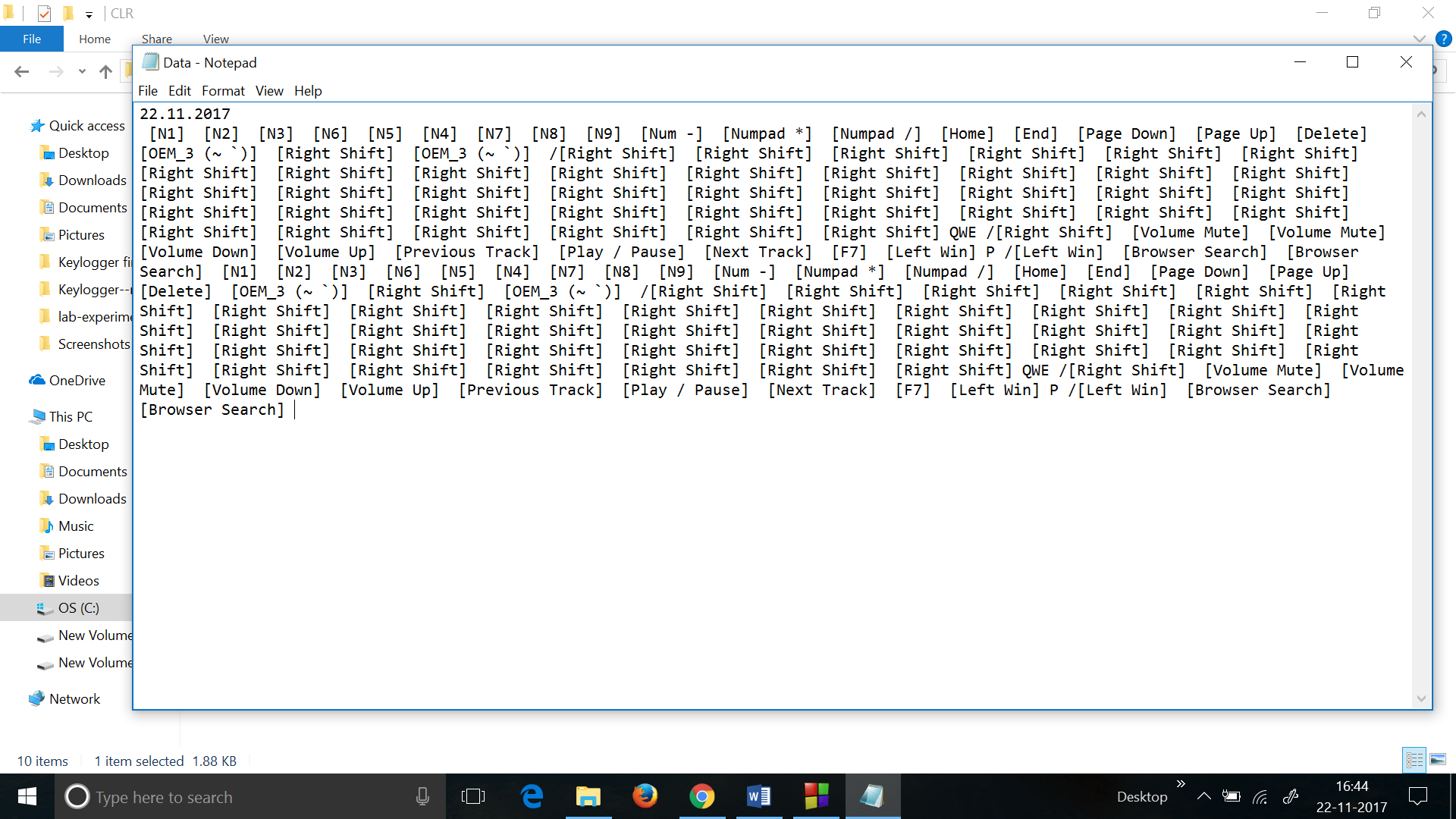
**Introduction:**

In its most basic definition it is something which captures the keystrokes typed on your keyboard. Typically a software keylogger saves these keystrokes in a file (in our case the path to file is “C:\Users\USERNAME\AppData\Roaming\Microsoft\CLR”) in encoded form. Keylogger then sends the file to specified email after decrypting the file. Thus a keylogger is a spyware software which can be used to hack computers and steal data like username and password.

**CONTENTS**

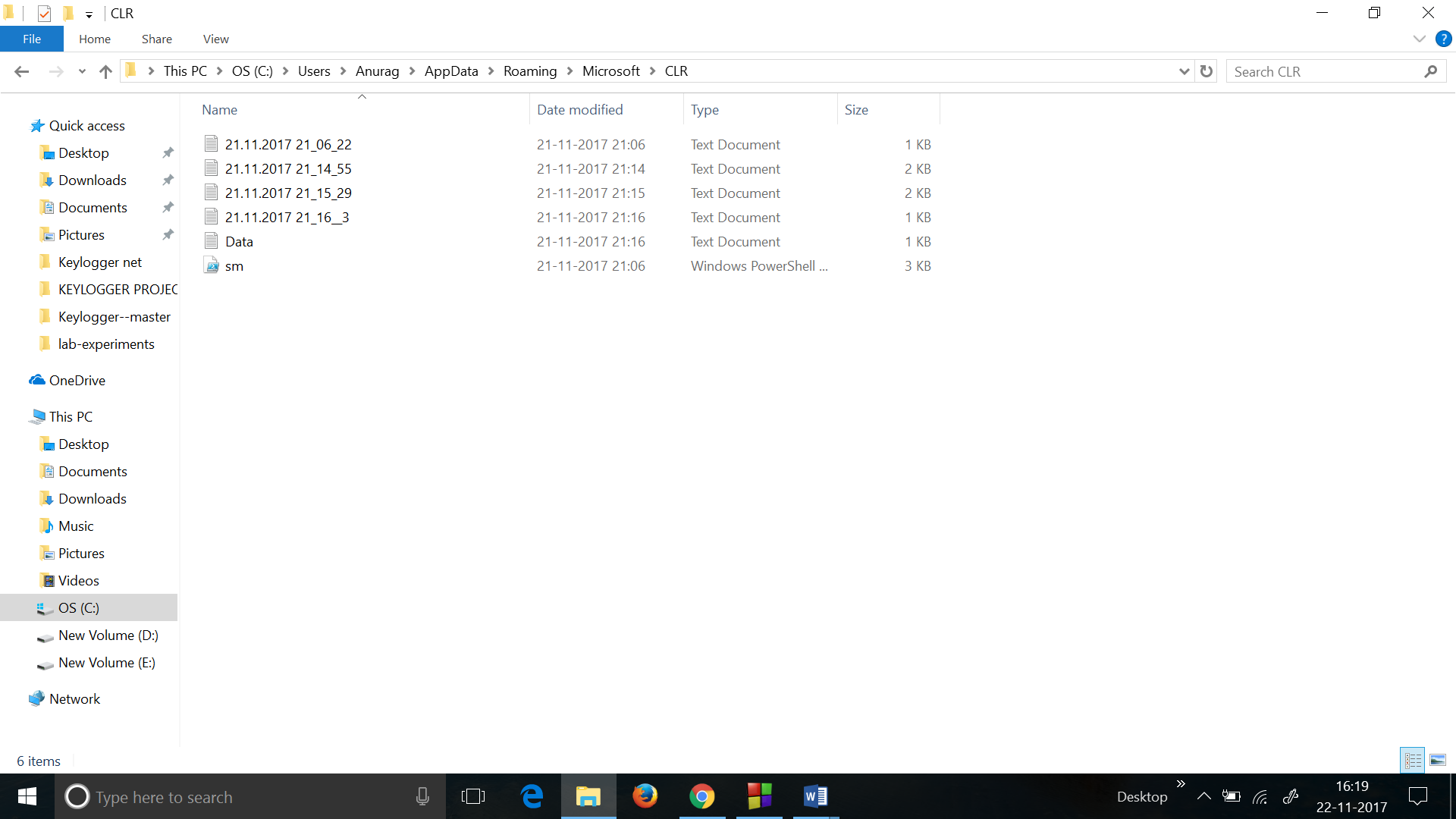
**FEATURES:**

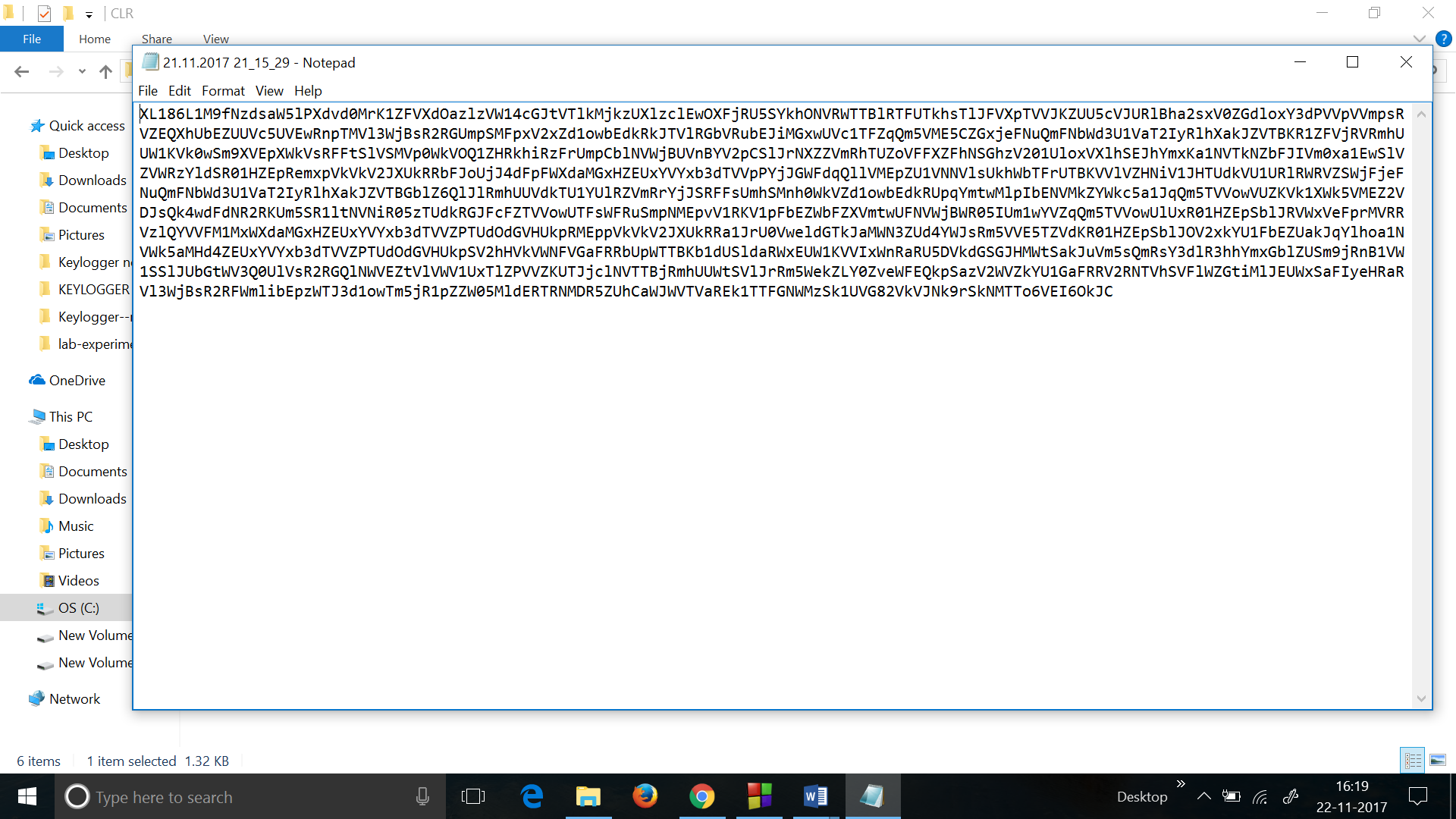
1. Detects and stores all the keystrokes and mouse clicks.



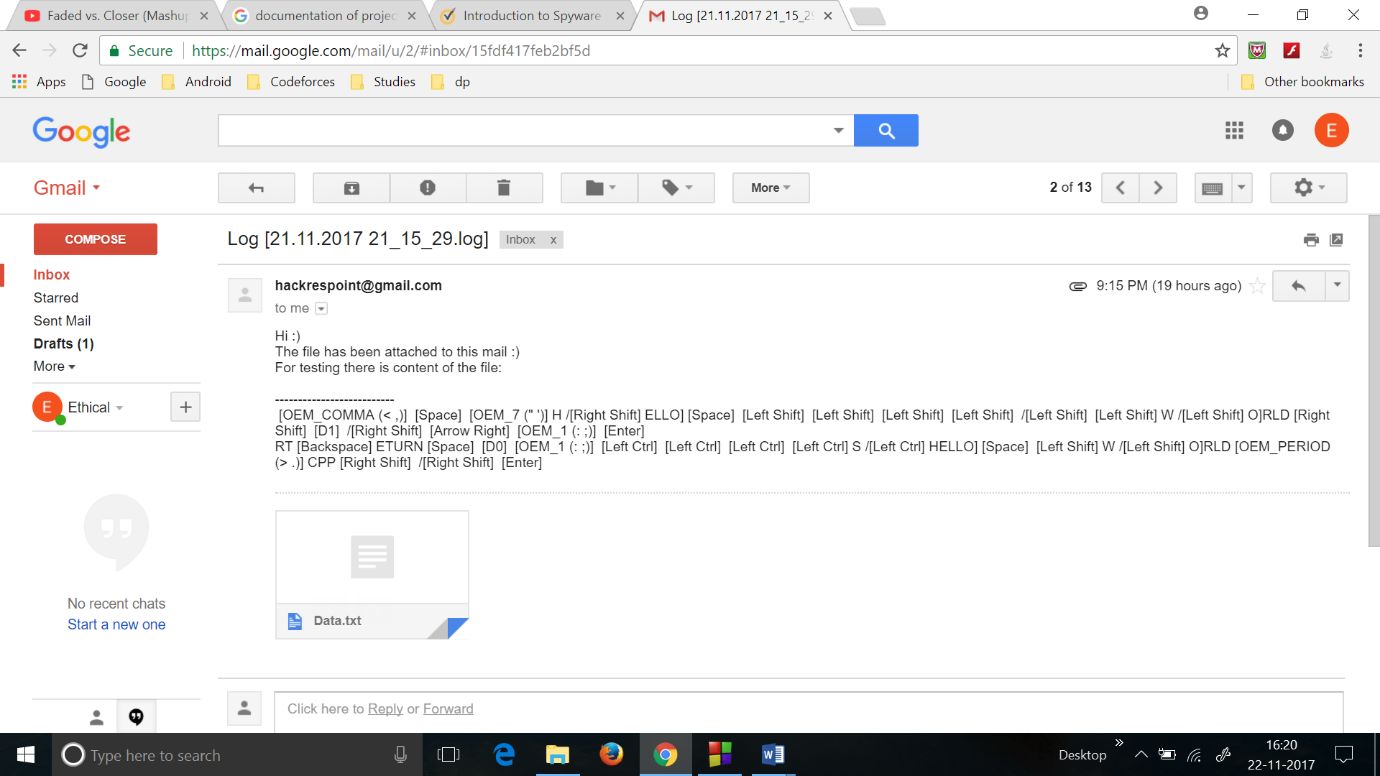
\*This is a data.txt file made at same location which stores the keys as it is without encoding(Made for testing keylogger).

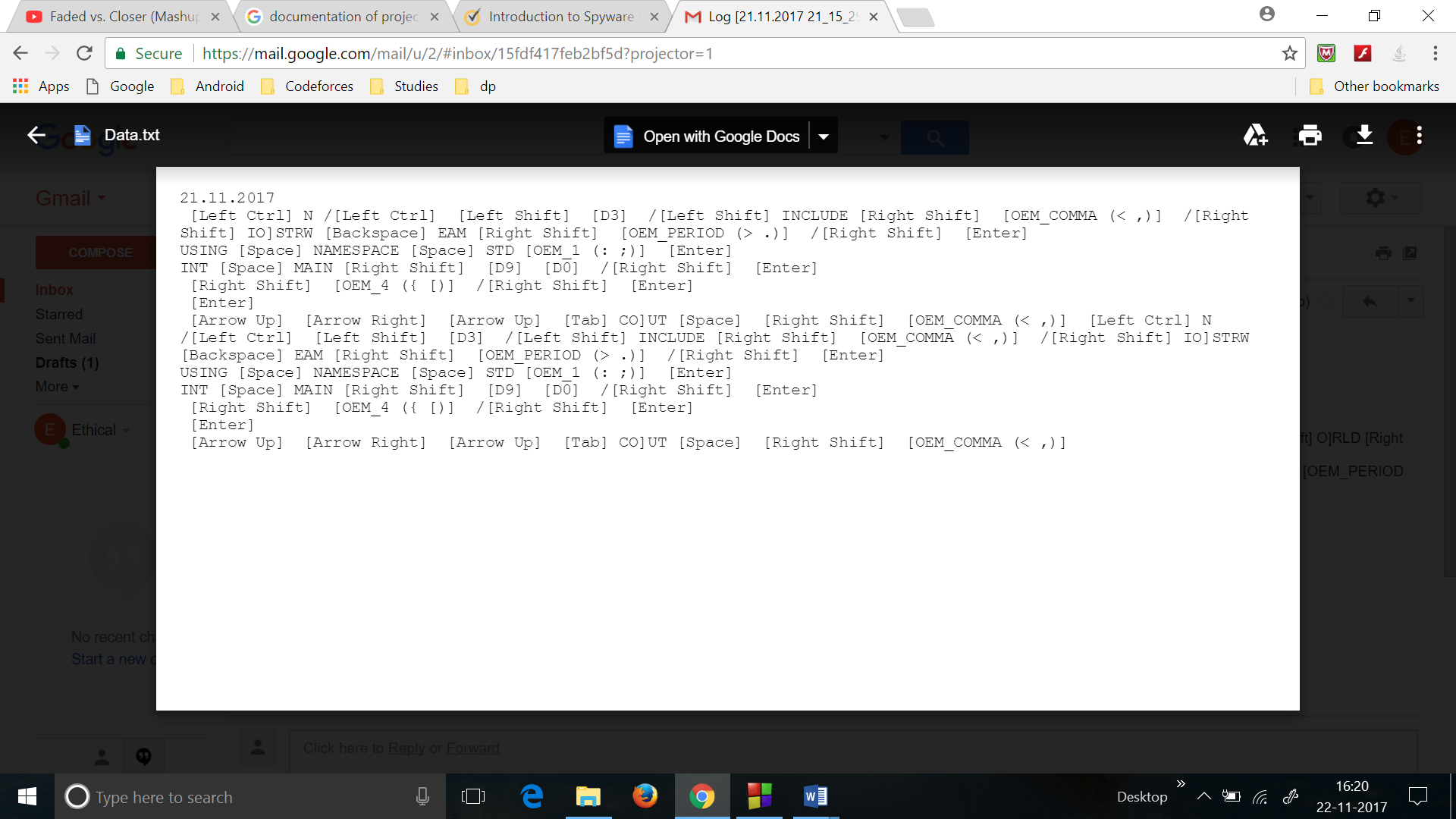
1. Encrypts the data and stores them in a specified file location.





1. Waits for network connection and sends the mail containing the decrypted text of the keystrokes made by the user and also sends an attachment containing the decrypted data.



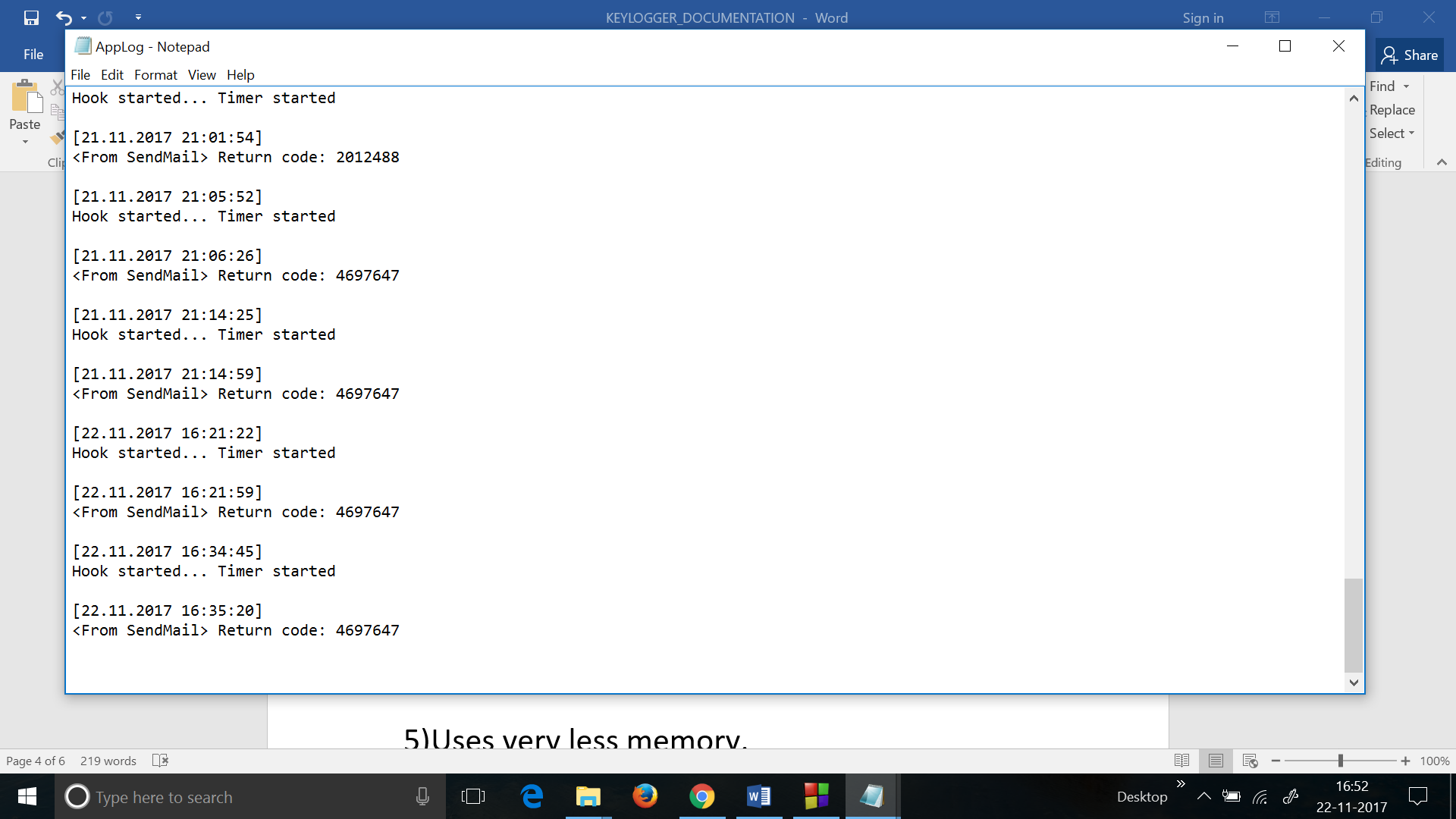


\*This is the attachment which was sent in the mail.

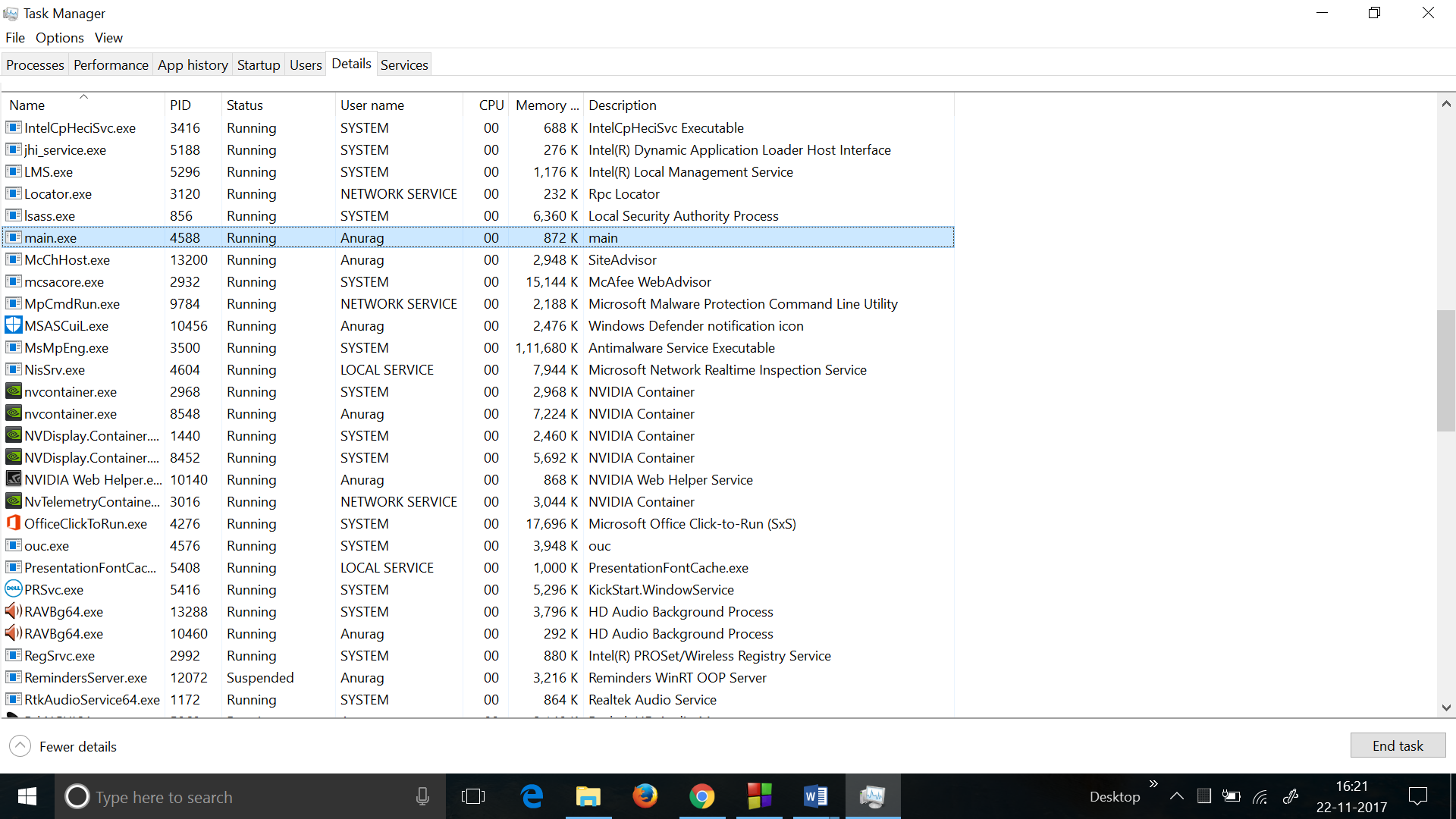
1. Creates a Log file.

Log file(named AppLog) is a file which is used for debugging Keylogger.

All the errors as well as events are appended in this file.

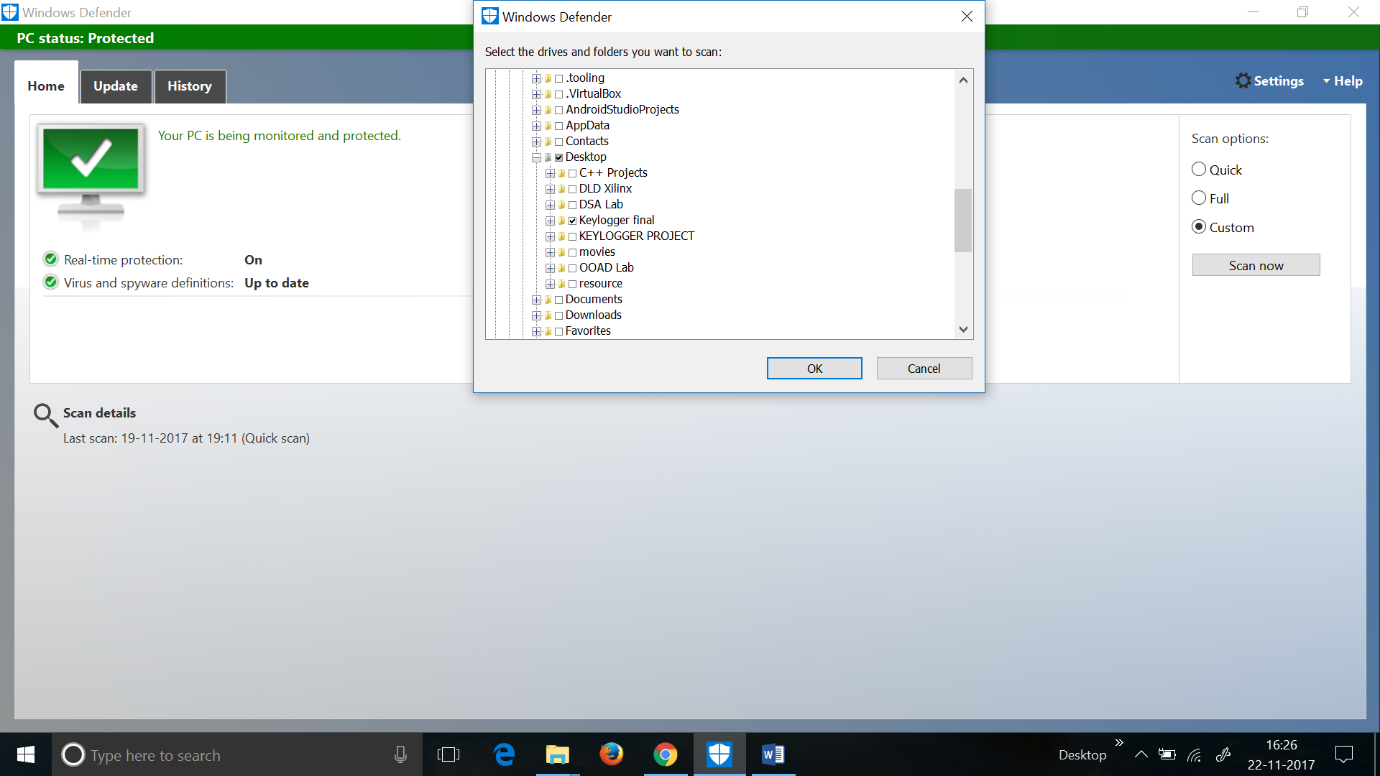


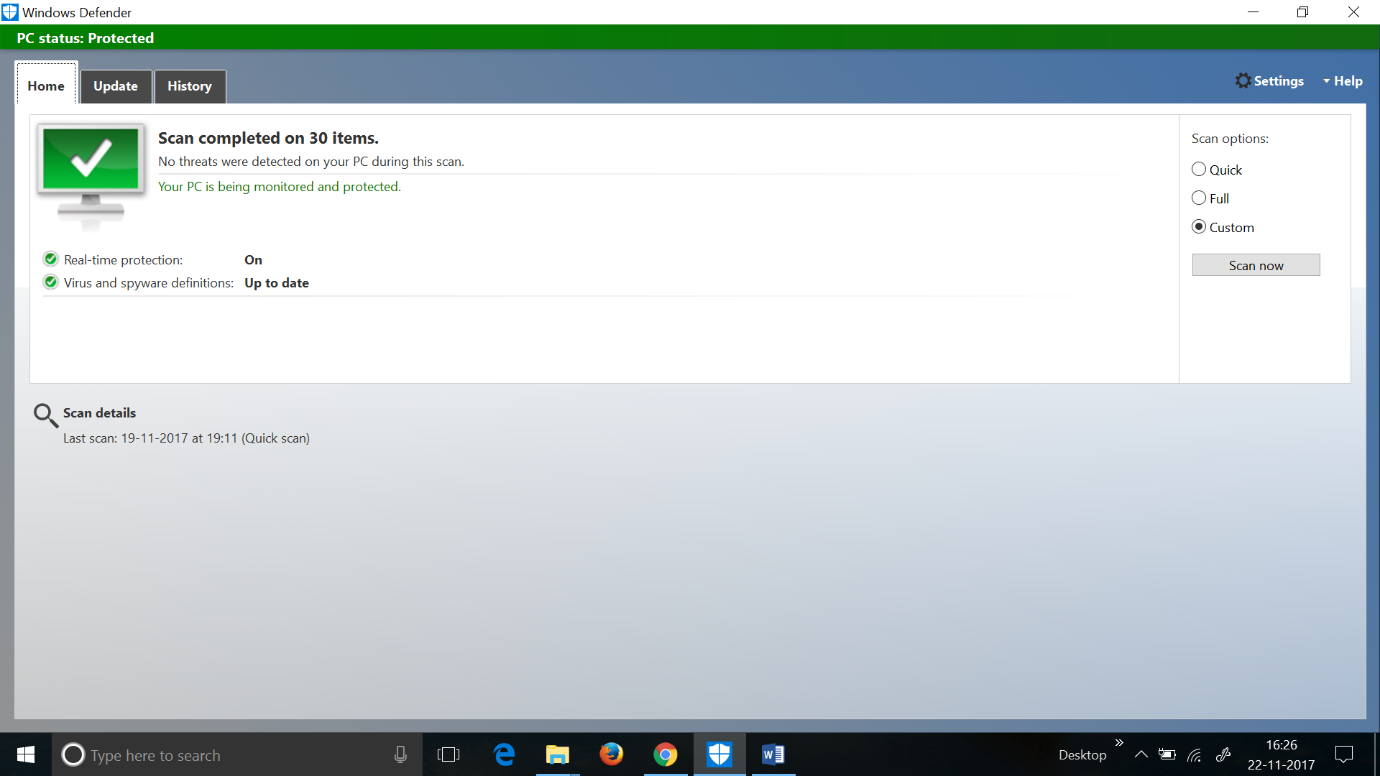
1. Uses very less memory.



\*The name of program is main.exe which is using just 872KB of space.

1. It is completely undetectable by any Antivirus.





\*Using windows defender to scan the project file.

**Implementation:**

Keylogger has been implemented using C++11 language and Windows API.