**Part A**

**Cryptographic applications**

Cryptographic plugins are used widely across multiple different browsers to help users further lock down their preferred choice of browser. With the use of a VPN, we are able to autonomize ourselves and prevent ourselves from being tracked to a physical location. Incognito modes allow for the prevention of local tracking and cookies. Some examples of installations to prevent tracking can be seen below.

* I Installed an encryption plugin called SendSafely. It is a chrome extension that allows for end-end encryption of emails and files to ensure that only senders and receivers can view the sent items. It negates the need to pre-share encryption keys or passwords.
* Privacy Badger is another extension that I have had installed for a few years now. It blocks the ability for those to track you and displays what websites have been attempting to track you each time you visit a given page. Privacy badger is smarter than just an add blocker. It can learn overtime what can be tracking you and will block certain types of content if they repeat themselves on separate pages at least three times.
* Setup VPN is the final application I installed in order to individuals from tracking my web activity.