

# Mini-Project 0

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  - Andrew Hill
  - 2nd year PhD in CSC
  - I have taken many crypto classes and done security design/auditing/management, but never get to actually code the stuff myself at a low level. I think this is a weakness, and I am taking this class to implement the topics myself.
  - Have a MS in Math that included cryptography, was CISO for a naval command of 4200 and was responsible for policy, auditing, and operations of both classified and unclassified.
  - I agree to the ethics statement

This course considers topics involving personal and public privacy and security. As part of this investigation we will cover technologies whose abuse may infringe on the rights of others. As an instructor, I rely on the ethical use of these technologies. Unethical use may include circumvention of existing security or privacy measurements for any purpose, or the dissemination, promotion, or exploitation of vulnerabilities of these services. Exceptions to these guidelines may occur in the process of reporting vulnerabilities through public and authoritative channels. Any activity outside the letter or spirit of these guidelines will be reported to the proper authorities and may result in dismissal from the class.

When in doubt, please contact the course professor for advice. Do not undertake any action that could be perceived as technology misuse anywhere and/or under any circumstances unless you have received explicit permission from the instructor.

## 2. README

- The snc file submitted may be run as a python file or a command line utility from any directory if python was installed to the default location of `/usr/bin/python`. If your python instance is not installed to this directory, the snc file will still run if invoked as a python program (e.g. `python2.7 snc`), but it will not run simply by invoking the file name.

Two solutions are available. Change the shebang (first line in the source code) to the correct directory of python, or run the program as a python program (i.e. `python2.7 snc -key ...`)

- REQUIREMENTS

- pycryptodome
- select, sys, StringIO, argparse, socket, Queue (all should come with a standard python install)