DataCrypt

DataCrypt is a python script that uses main 2 symmetric algorithms to encrypt data that is AES and Caesar Cipher.To use the script, a python3.5 interpreter is needed and its runs in console using a menu driven interface. AES uses an already existing library in my python(as i already downloaded and installed it) then Caesar Cipher was written from scratch using the the modals and ASCII value transposition.

How to run the script:

Make sure you have the PyCrypto 2.6 library installed.

Install a python interpreter

Open terminal and convert it to an executable using chmod (the .py file)

Run it in a python environment

N.B. For the AES text and key, multiples of 16bits are required as i have not included padding schemes in my AES implementation.

Also important to note is that for the AES encryption, there is a little problem with the encoding of ciphertext as i have failed to find a method to do it right.