

OPTIONAL PROJECT

This is Due on Friday before class. Hand it on IN PAPER. If after the final you would have gotten a D in the course then (and only then) I will LOOK at your project. If you did well then I will bump you to a C-.

1. (0 points) Write your name!
2. For each of the following ciphers (1) describe it, (2) give one PRO, and (3) give one CON.
 - (a) Affine
 - (b) Quadratic
 - (c) Vig (the normal one, not Vig-plus etc)
 - (d) Matrix with a 30 by 30 matrix.
 - (e) 1-time pad
3. Describe Diffie-Helman.
4. Describe Polynomial Secret Sharing.