

Homework 5

Done in conjunction with Drishti Maharjan

Problem 5.1

Solution:

- Codes are implemented in `/src` folder.
- Upon encrypting the cleartext "secret" in electronic codebook mode, we get `0xd3b0d2c3b0a1` as our cipher text.
- Upon encrypting the cleartext "hacker" in cipher block chaining mode, we get `0x66b6bbe90e21` as our cipher text.
- Upon decrypting the ciphertext `0xc65e05946b86eb2e33f58fdaff0f42` using cipher block chaining mode, we get `bob loves alice` as our plain text.