

Cryptography (CSCI 57313) (D. Nguyen)

Assignment 2

Please submit before 11:59 pm , 08/14/2022

1. Write the Python codes for the RSA encryption (save the Cipher text to a file) and decryption (read the Cipher text from a given file).
2. Write the Python codes for the RSA with digital signature encryption (save the Cipher text and digital signature to file(s)) and decryption (read the Cipher text and digital signature from given file(s)).
3. Write the Python codes for the Elgamal encryption (save the Cipher text to a file) and decryption (read the Cipher text from a given file).