Overview of the Week-4 Lecture A

Overview of the week

During this lecture, we will learn

Part -I

- Public Key Security
- Elgamal cryptosystem
- Paillier cryptosystem

Part -II

- Practical examples of shared secret key (i.e. symmetric) and public key cryptography (i.e. asymmetric) with openssl
- Encryption/decryption with AES (symmetric key system) using openssl
- Private/public key genration with RSA (asymmetric key system) using openssl
- Encryption/decryption with RSA (asymmetric key system) using openssl