## Network Security Technology

Tutorial 1, Week 1 (February 23)

Due Date: March 2

Spring, 2021 LIU Zhen

## Questions:

## 1. Describe the details of Caesars Cipher (50 points):

- (a) Message space M.
- (b) Key-generation algorithm KeyGen.
- (c) Encryption algorithm Enc.
- (d) Decryption algorithm Dec.
- (e) Key space K.
- (f) Ciphertext space C.

## 2. Describe the details of Simple Substitution Cipher (50 points):

- (a) Message space M.
- (b) Key-generation algorithm KeyGen.
- (c) Encryption algorithm Enc.
- (d) Decryption algorithm Dec.
- (e) Key space K.
- (f) Ciphertext space C.