这是一个RSA公钥密码系统的简单实现:

p: 10101100100111 q: 11110110111011

n: 1010011001111101000001111101 phi: 1010011001110110011110011100 e: 0111000111011100001000001111 d: 0100100100101000011010011111

明文:

Mathematical Fundation of Information security 201904051 517021911065

数字化:

加密:

0011100110011011100110001010

解密:

原文:

Mathematical Fundation of Information security 201904051 517021911065

请输入您想加密的内容:

The lessons of Mathematical Fundation of Information Security is very interesting. I can learn a lot from the course and I enjoy it very much.

p: 10011010000001 q: 11010001000101

n: 0111110111001001010011000101
phi: 0111110111000011101000000000
e: 01001011010101111010011011111
d: 0010100111000111110100011111

明文:

The lessons of Mathematical Fundation of Information Security is very interesting. I can learn a lot from the course and I enjoy it very much.

数字化:

加密

10000011101000101110000010100100

解密

原文:

The lessons of Mathematical Fundation of Information Security is very interesting. I can learn a lot from the course and I enjoy it very much.

Program ended with exit code: 0