

# Network Security

Exercises 2

Question 3

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## A) Decrypting the cypher

I could not decrypt the cypher. There seems to be not only a regular substitution as in cesar cypher but seems to have some shift in it aswell.

## B) Encrypt the message with playfair matrix

The sentence: I only regret that

Split in two letter parts and add filling letter:

IO NL YR EG RE TX TH AT

Search the according cyphers:

**MA PA ZO QH GJ HW HM LI**

## C) Encrypt using vigenere

Encrypt the Word **cryptographic** with the key **TFA**

results in: **VWYIYOZWAIMIV**