

# CSCI971/CSCI471 Modern Cryptography

## Assignment 1

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### 1 Task A

Describe how to break the Monoalphabetic Substitution Cipher

Monoalphabetic Substitution Cipher is a classic cypher  
who developed it

How does it work We make a substitution table for each alphabet in letters To obtain the  
cypher text Encryption is done by substitution the character from substitution table

Decryption is done the same way  
possible keys =, 26!

How to break it