

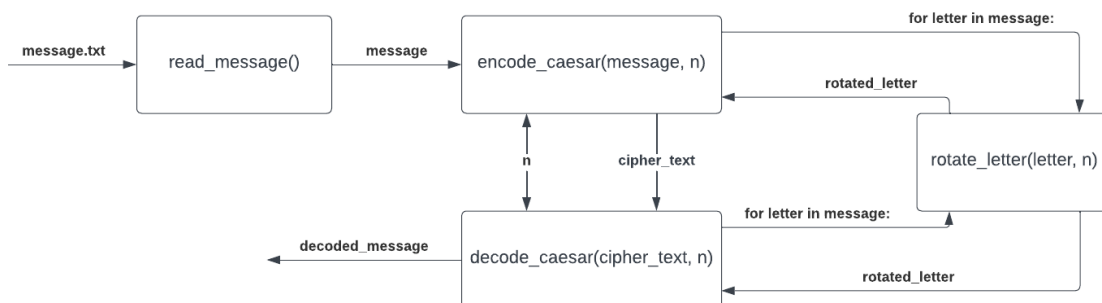
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Collaborators: None
Extension: No
Sources:



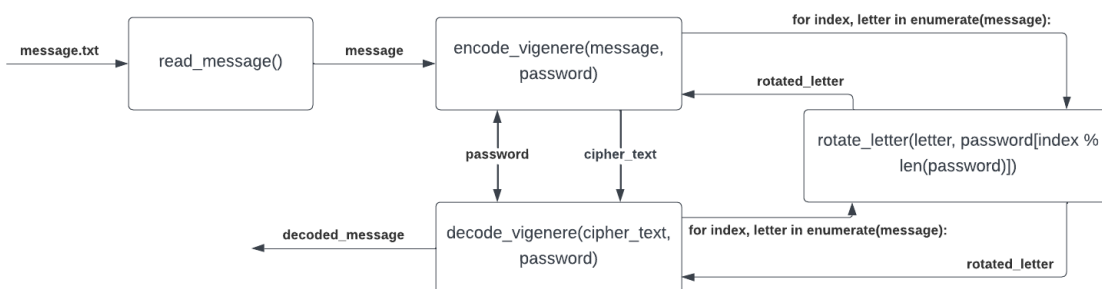
Lab 3: Code Cracking

Part 0: Design (5 points)

Cesar Cipher

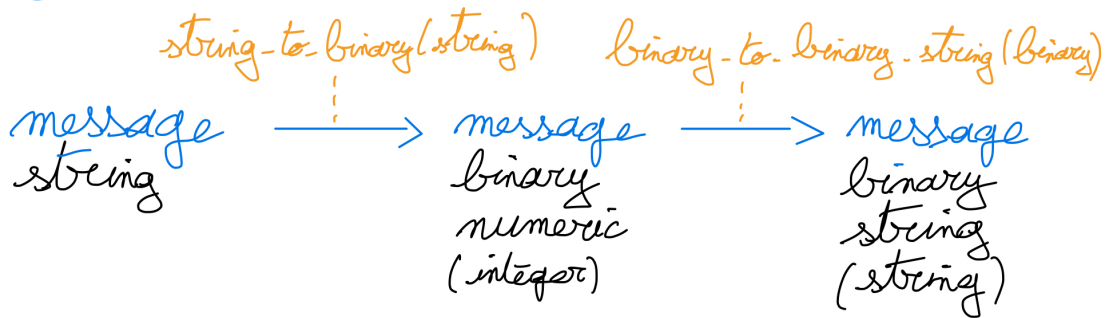


Vigenere Cipher

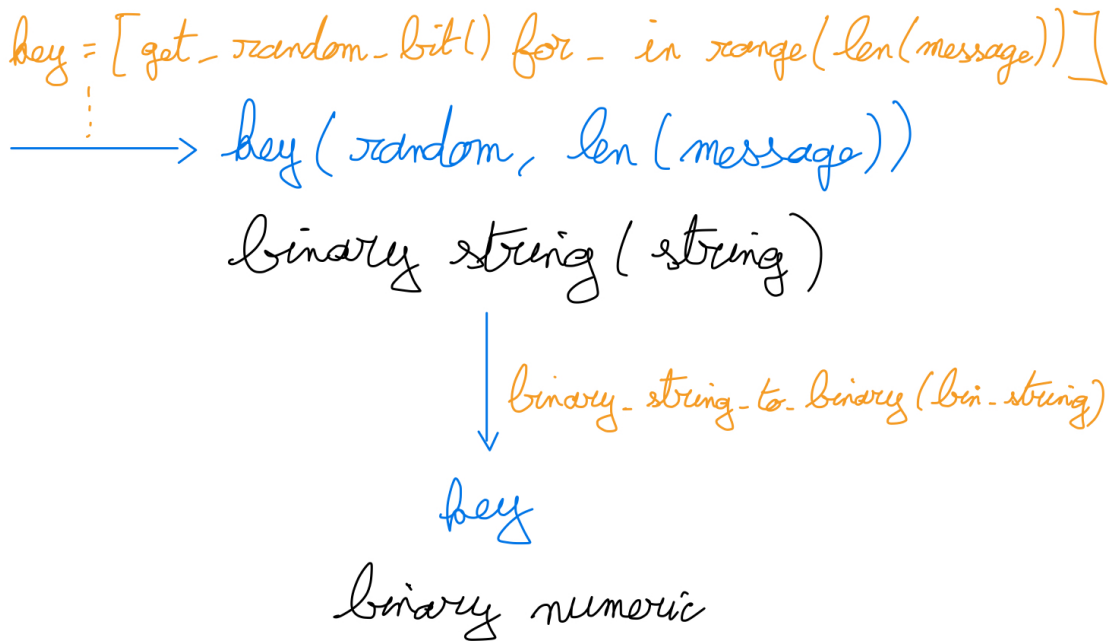


Encoding : `encode-ctr(message)`

①



②



③

message XOR key
numeric numeric

return cypher-text, key
random number

Decoding: decode-otp(cypher-text, key)

cypher-text XOR key

↓
decoded-message
(binary numeric)

↓ binary-to-string(n)
decoded-message
(string)