

Coupto graphy:
The aut / science of achieving security through
The aut / science of achieving security through encouption
to the to eigher text
method to convert plain test 7 [Non-throughful Text ]
method to convert plain text to cipher text [Non-theory god Text]  [Easily readable & Understandable] [Non-theory god Text]
Key
1 Symmetrie key eryptography
1) Symmetric key ouptography (public key ouptography)
( coupled louble key comptography)
(Private key couplography)
[ osed - ( ) bublic key
Symmetric key (i) private
Plain Text Encryption Cipher Text Decryption Plain Text.
Flain Ki) (Ki)
· one ob algorithm
@ Data Encryption Standard (DES) / DEA -> Algorithm
to a ( pouldic)
(2) Assymmeter (2)
(public key + prévate key)
G SHAPET A DOUBLE
Plain Text Encryption Ciphor Text Decryption Plain Text  generally, public key private key
(K)
generally, public key private key
· spacial a case -> vice-versa
(P) A B ( D
O 1 2 3 25
(₹) K 7/1., non-regalève, K ≤ 25
1 S K 5 25 for ceaser cipher

Ex: HELLO, key = 4 e(H) = E(H, 4) = (H+4) mod 26 2 (744) mod 26 = 11 mod 26 B->I 2 11 L->P 2/ L L->P 0->5 Algorithm is divided into 2 parts Transfosition (changing position of character)

Key based Key less Substitution +4/+const @ Hash Code: \_\_\_ > Do not use any key Juses Hash fr Message Digest: MD5 fixed length for vor. 1st Algo, over proposed Ceaser Cipher > Mono alphabetic Cipher CBASER +3 +3 +3 +3 +3 +3 +3 V HBY THERE X A Y Meet me at Two PM, Key 2 4 ( Cyclic after 2 Essenula: Broughton A B C D CZ E(P,K) 2 (P+K) mod 26 P=D(C,K)=(C-K) mod 26.



