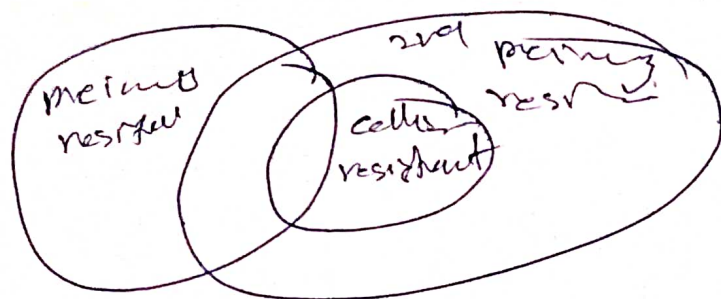
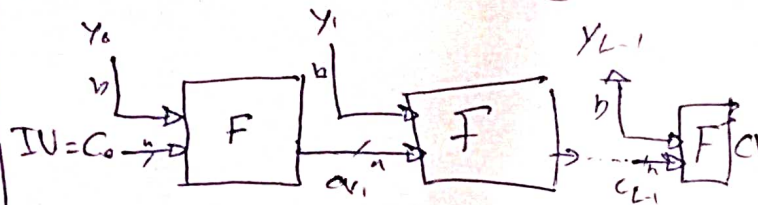


Collision



Secure Hash Code

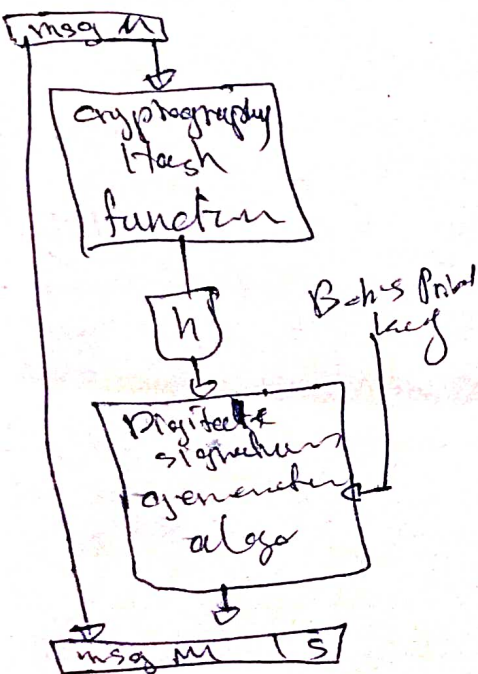


AES Example:-

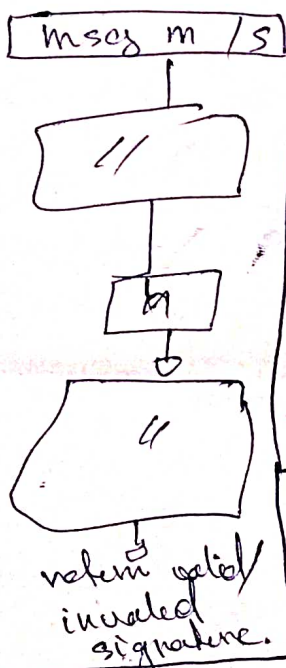
Plaintext: - - - - -
key: - - - - -
Ciphertext: - - - - -

Digital Signature Process

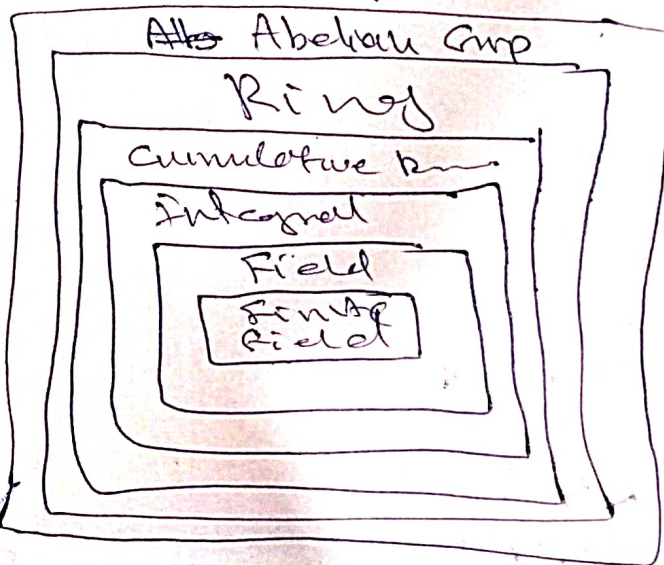
Bob signs msg



Alice



Groups



AES Key expansion.

Key Expansion (Byte key[16] word w[44])

{Word temp

for (i=0; i<4; i++) w[i] = key[4*i]

key[4*i+1]

key[4*i+3]

for (i=9; i<44; i++)

{ temp = w[i-1];

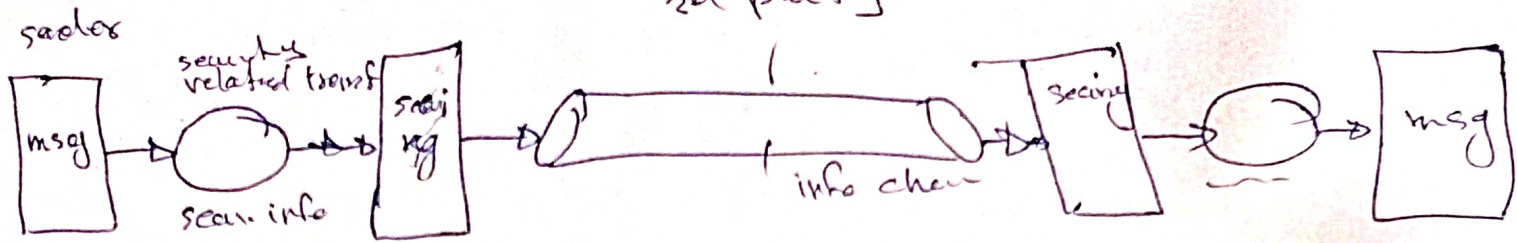
if (i mod 4 == 0) temp = SubWord[RotWord(temp)]

⊕ RotN[i/4];

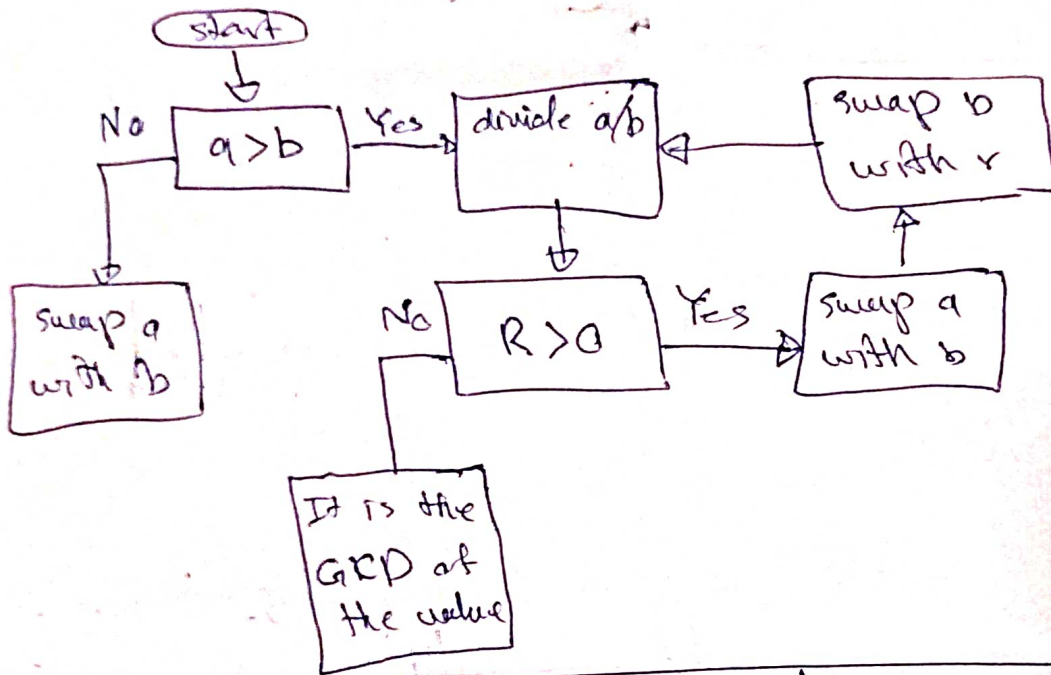
w[i] = w[i-4] ⊕ temp

}

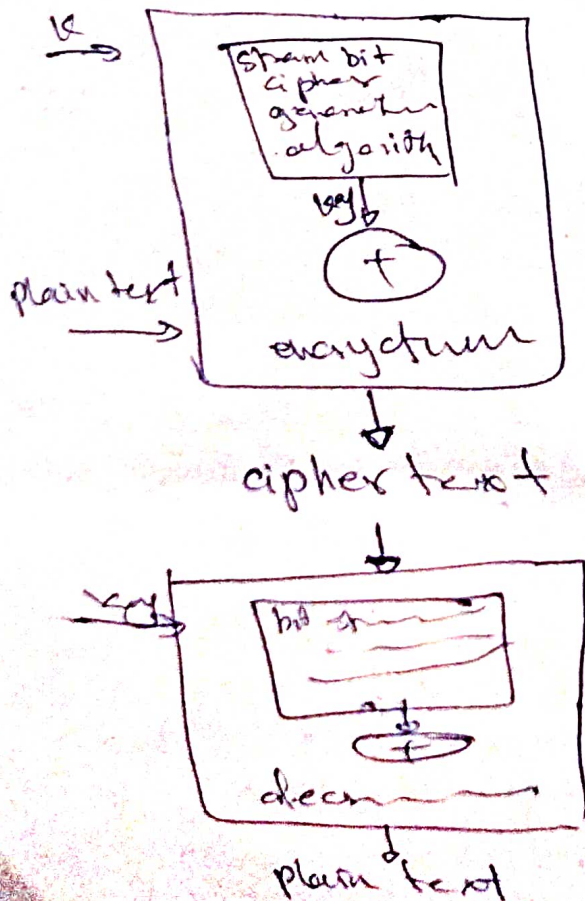
Model of Network Secur.



Euclidean Algo.



Stream Cipher



Block-cipher

