Dong Mon h DES ( Data Encryption Algorithm): · Developed by NIST (National Institute of standard rechnelisty) . Symmetric key Block Then (6 A bit)

- It is implementation of firstal cithen Medel (16 Rounds)

Block 512e 15 64 bit (Plaintent a Ciphon text) . Key length is 56 bit. (original key in 64 bit but 8 bit are not used)

0 1 2 1 4 5 6 7 8 9 10 11 12 15 15 (15) (6/7 18 19 20 21 21 23 7 x 8 = 156 51 4 bit 654

main functionality of DES:

O Round function

(2) key schedule

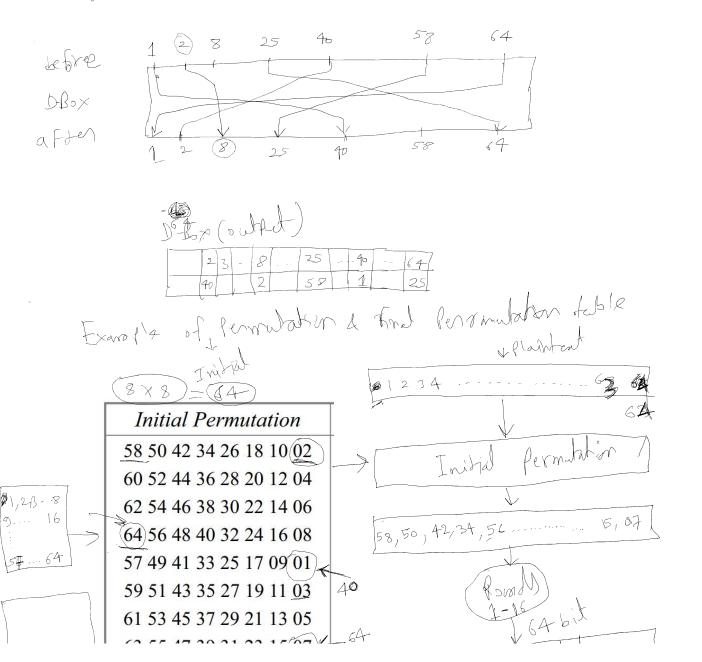
3) Addinal Processing (Initial & Smallermotation)

Shuchure of DES: 64 bit Plantert trybal fermulation DES Round Ramd & 4865 56 bit kel Roma 2 Jenerator, 48 bit final Permutation 64 but copportent

DIntal lemmetation on Straight germetation Box aged do

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apply substitions operation on plantent/Intermediate tent. [D-Box] (Straight)



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