## Class Activity # 03

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## Question # 01:

Find Cipher text for the first 2 rounds of DES. After receiving  $L_2R_2$  reverse their order and apply inverse permutation.

plaint text: 11010000 11110000 10101010 11001010 111100001 10 111101 10101111 11110010

## Round1:

```
C0 = 0101010 0000001 1001011 1010110
D0 = 1110000 1011010 1011101 0011011

C1 = 1010100 0000011 0010111 0101100
D1 = 1100001 0110101 01111010 011011

C2 = 0101000 0000110 0101110 1011001
D2 = 1000010 1101010 1110100 1101111
```

## Round 2:

10101111