1-) (10010)2 = 0\*2^0 + 1\*2^1 + 0\*2^2 + 0\*2^3 + 1\*2^4 = 0+2+0+16 = (18)10

2-) (1110011)2 = 1\*2^0 + 1\*2^1 + 0\*2^2 + 0\*2^3 + 1\*2^4 + 1\*2^5 + 1\*2^6

= 1+2+0+0+16+32+64 = (115)10

3-) (53)10 = 53/2=26 Kalan=1

26/2=13 Kalan=0

13/2=6 Kalan=1

6/2=3 Kalan=0

3/2=1 Kalan=1

(53)10 = (110101)2

4-) (133)10 = 133/16=8 Kalan=5

(133)10 = (85)16

5-) (10110011)2 =

= (0011)2 = 1\*2^0 + 1\*2^1 + 0\*2^2 + 0\*2^3 = 1 + 2 + 0 + = 3

= (1011)2 = 1\*2^0 + 1\*2^1 + 0\*2^2 + 1\*2^3 = 1 + 2 + 0 + 8 = B

(10110011)2 = (B3)16