Homework 2 0 = 000000 13 = 001101 T've dane by expounding 13 to powers of 2(13=23+22+29)=> => 13 = 0,25 + 0,24 + 1,23 + 1,22 + 0,241,25 => 13,0 = 0011012 and then added 2 additional zeroes to the left to make 6-bit. 24 = 011000 the same as with 13 63 = 1111011 the same as with 13 Signed: 16 = 010000 the same as with 13 -2=(0000101111111)+1=111101+1= = 111110 31 = 011111 -32=(100000 ^ 1/1/1/1)+1=0/1/1/1+1= =100000

$$12$$

$$000101 = 0, 2^{5} + 0, 2^{9} + 0, 2^{3} + 1, 2^{2} + 0, 2^{4} + 1, 2^{6} = 3$$

$$101011 = 32 + 8 + 2 + 1 = 43$$

$$111111 = 32 + 16 + 8 + 4 + 2 + 1 = 63$$

$$100000 = 32$$

$$13$$

0×3C=00111100 0×7E = 01111110 0×FF=11111111 0 × A 5 = 10100101 1.6001111001111111111+1=11000100 2, (011/1/10 1/1/1/1/1/1) + 1 = 10000010 3, (1111111111111)+1=00000001 4, (102001011 111111111)+1=01011011 OX DEADBEEF Big endieen OXOE, OXAD, OXBE, OXEF Little endieen

OXEF, OXBE, OXAD, OXDE