(1) $64CD_{16} \rightarrow$ binary $64CD_{16} = (0110\ 0100\ 1100\ 1101)_2$

octal $64CD_{16} = 62315_8$

decimal $64CD_{16} = 6.16^3 + 4.16^2 + 12.16^1 + 13.16^0 = 25805_{10}$

(2) $431_{10} \rightarrow$ binary $= 110101111_2$

$\rightarrow$ octal $= 657_8$

$\rightarrow$ hexa $= 1AF$

431 | 2
215 | 2
107 | 2
53 | 2
26 | 2
13 | 2
6 | 2
3 | 2
1

3- $a = 10110.0101_2 \Rightarrow 16 + 4 + 2 + \frac{1}{4} + \frac{1}{16} = 22,3125$

$b = 16.5_{16} \Rightarrow 1.16 + 6.16^0 + 5.16^{-1} = 22,3125$

$c = 26.24_8 = 2.8 + 6.8^0 + 2.8^{-1} + 4.8^{-2} = 22.3125$

$d = DADA.B = 13.16^3 + 10.16^2 + 13.16 + 10.16^0 + 11.16^{-1} = 56.026,6875$

$e = 1010.1101_2 = 8 + 2 + \frac{1}{2} + \frac{1}{4} + \frac{1}{16} = 10,8125$

(4)

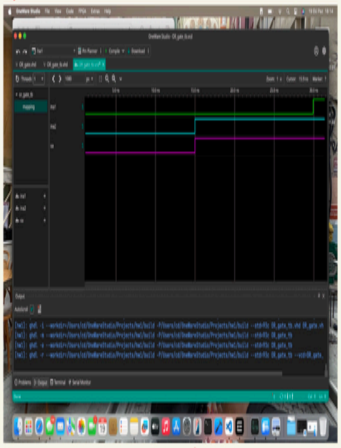
a $1.10010 = 1.9_{16}$

b $110.010 = 6.4_{16}$ b, a'nın dört katı çünkü iki basamak sola kaymış $2^2 = 4$

5

X	Y	Z	X'	X'Y	X'Y+Z
0	0	0	1	0	0
0	0	1	1	0	1
0	1	0	1	1	1
0	1	1	1	1	1
1	0	0	0	0	0
1	0	1	0	0	1
1	1	0	0	0	0
1	1	1	0	0	1

Part 2



Mac kullandığım için çok fazla sorun çıkardı sentezleyemedim!