

Hexadecimal = 10=A, 11=B, 12=C, 13=D, 14=E, 15=F 1000 0101 0101 0001 Hexodecimal 1110 = 14 = E (E85517)16 1000 = 8 = 8 0101 = 5= 5 0101 = 5 = 5 0001 = 1 = 1 0111 = 7 = 7 2-101 111, 010 000 101 010 100 010 111 $(M1)_2 = (7)_{8}, (010)_2 = (2)_{8}, (000)_2 = (0)_{8}, (101)_2 = (5)_{8}$ $(010)_{2} + (2)_{3} + (100)_{2} = (4)_{8} + (010)_{2} = (2)_{8} + (111)_{2} = (7)$ => (72052427)8 (C) 0100 1000 Hexadecimal => (0100)2=(4),, (1000)2=(8),6 (0100 1000) = (48)16 Octol -> 01 001 000 $(01)_2 = (1)_8$, $(01)_2 = (1)$, $(00)_2 = (0)_8$ (01001000)2= (110)8 a) 1 1111 Hexa => $(00M)_2 = (1)_{15}$ $(1111)_2 = (4)_{16}$ (11111) 2 = (1F)16/ Octol => 11 111. $(011)_{2}=(3)_{8}$ $(111)_{2}=(7)_{8}=(11111)_{2}=(37)_{8}$

30 30

- 19 mg

-3

333

=

-3

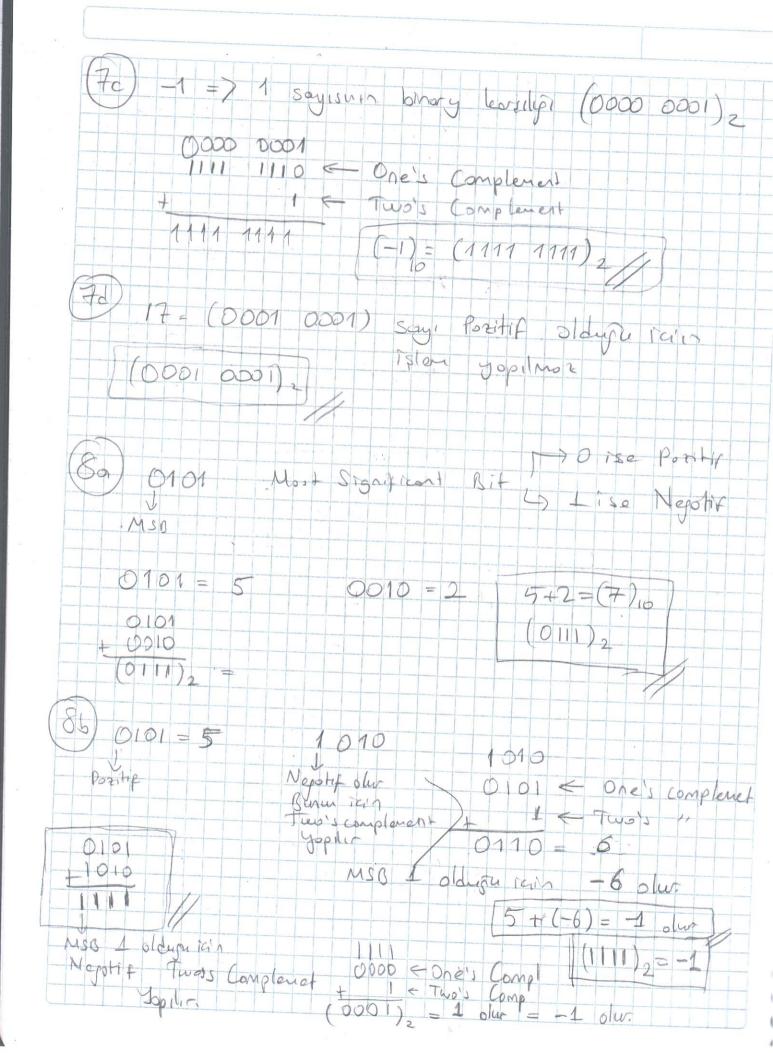
-3

Binory'e gerrinde sorelli (A) = (10) => (10), (1010) (B)= (11)10 = = (11)10 = (1011)2 (LSB) & A D D => Most Signi Significant Significant $(C)_{16} - (12)_{10}$ $=(12)_{10}=(1100)_{2}$ (D)16= (13)10 $(13)_{10} = (1101)_{2}$ (1010 1011 1100 1101) (ABCD)IL (ABCD)16 Decimal e gouvrele icon Sogdon bollayors 2 Soyisal deperter 16° 16° 16° 16° ile compilip toplan $(A).16^{3} + (B).16^{2} + (C).16^{1} + (D).16^{0} =)$ 11,163 + 12-16 + 13-1 = 43981 10.16 (ABCD) 16 = (43981) = (1010 1011 1100 1101) 2

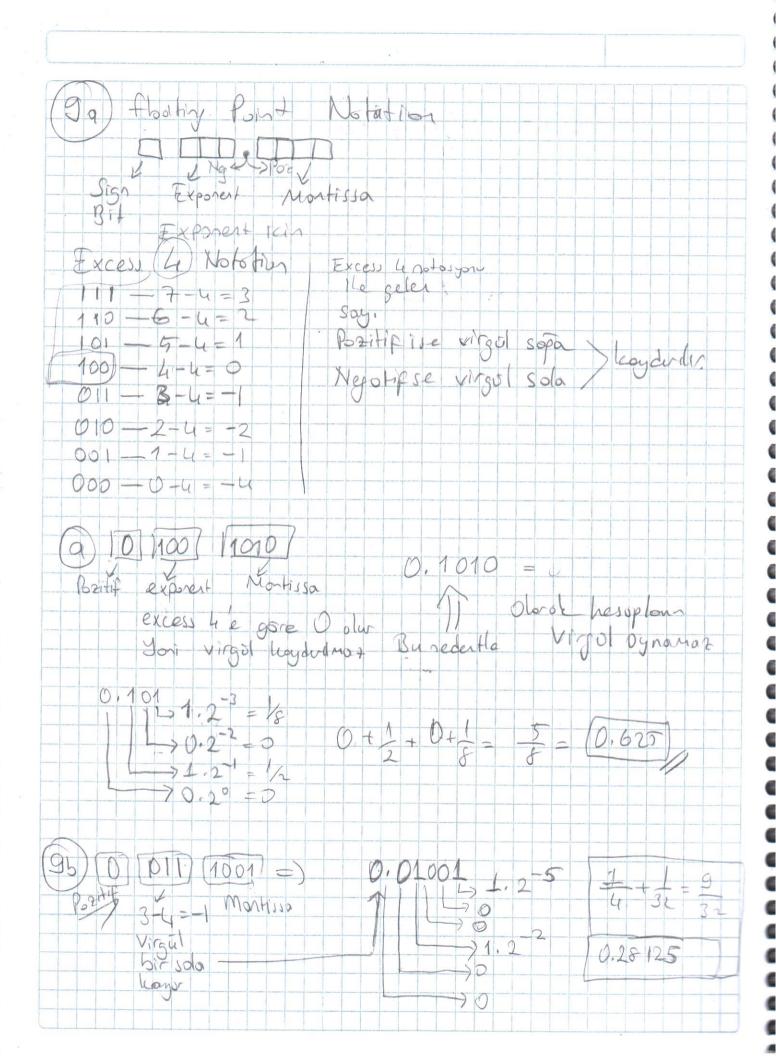
36) (0100)16 = (0) = (0000) 10000 0001 0000 0000 (1) = (0001)2 $(0) = (000)_{2}$ (0) = (0000) (0100) = 0163+ 1.16+ 0.160 = (256) 10 10 $(0.100)_{10} = (256)_{10} = (0000 0001 0000 0000)_{2}$ 0 0 (5432) = (2) = (0010)2 0 0 (3)10= (0011)2 (0101 0100 0011 0010) -(4)10 = (0100)2 1 $(5)_{10} = (0101)_2$ (5432) = 5.163 + 4.762 + 3.161 + 2.16 = 20480 + 1024 + 48 =(21554) 36 $10A0 = (0)_{10} = (0000)_{2}$ $A = 10 (10)_{10} = (1010)_2$ (0001 0000 1010 10000) (0)10= (0000)2 $(1)_{10} = (0001)_{2}$ 10 A0 = 1.163 + 0.162 + 10.164 + 0.160 = = (4256)10 4096 0 160 0

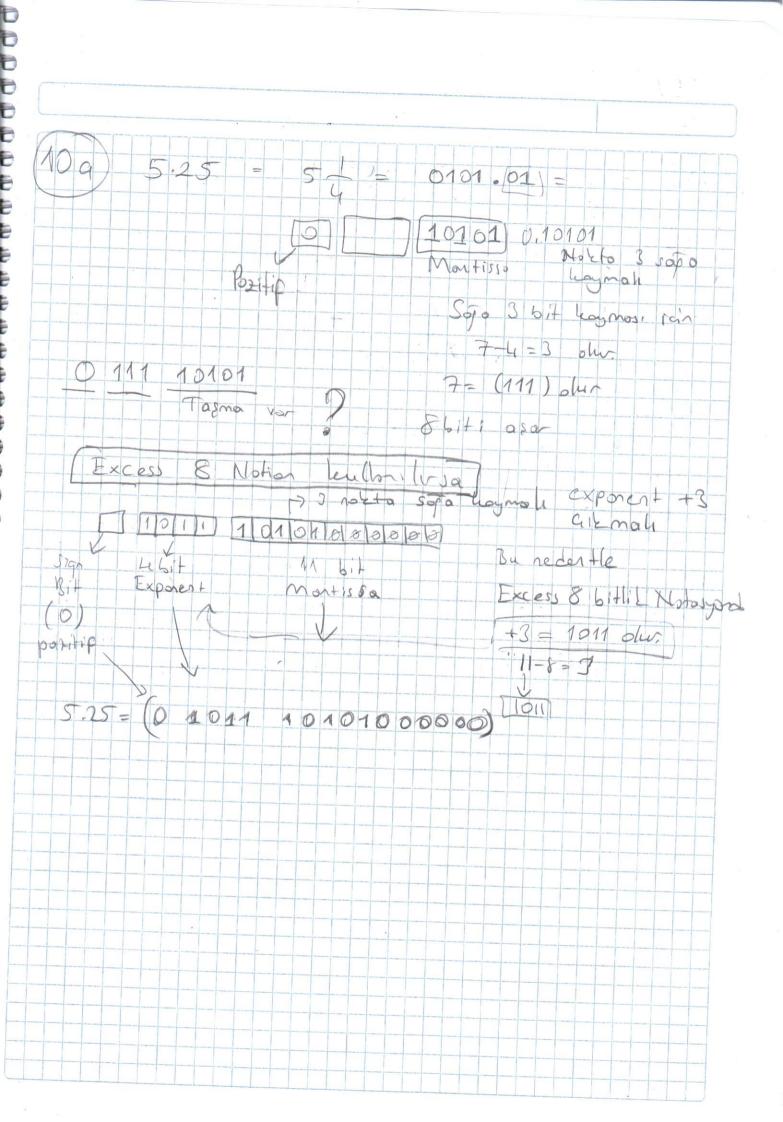
4 Kilo Byte 1024 Byte 4. 1024.8 1KB = 1024 Byte 4096 Byte f. 4096 Bit 1 Byte = 8 Bit 32.768 Bit vei depolonabilir virgil sol troj 1 sirasiyla .20 1.2+1.2+0.2+1,2 ile corpilitées sop toroft snasyla ile gorpilos 1,2+1,20+0,2+1,2=2+1+0+1= 3+ = 3.25 1.2+0.2 101.111 0 4 5+ 7 = 5.875 0.101 = 0.2 + 1.2 + 0.2 + 1.2 5c 10.G25 6 .21 + D,2°+ 110.011 = 0.2 + 1.2 6+ 6.375

11011 +1100 1100 100111 1010,001 + 1,101 = 1010,001 1,101 (1011.110) = (11.75) 10.125 1.625 1011,110 60 11111 + 1 = 11111 (32)10 100000 31 111.11 111,11 00.01 = 1000, = (8) 10 10,00 7.75 0,25 1000.00 Fa 6 = (0000 0110) = Soy, Nepatifie) brin tomleger ign oncollide Sour Position oldupu run I'm tomleyer I'm 0 - ? 1 Birsey Jophnan danasams yaplu ordundan 1 ile toplant -17 = soyur once possitifmi à gibi yauter. Alcobinde 2 nm (0001 0001) = tomleyer: 1110 1110 + 1 in tonleyer = 2'nn timbergeri 71101111 (-17)= (1110 1111) Two's complement



0001 - One's comp MSB 1 ise Nepotif Negotiese Tusis complete (0010) = -2 (Neptif ohr. =>(0011)= -2 + 3 = Position 1 = (0000 0001) Veys by differ youter blorde (1110), says, report oldupa biliniyer. Bu nederle MSB déperi repotif diserters positif heropland topland Söyle lei 4 0,00 -2 + 3 = 4(0001)2 -8+6= -2 olaret nesoplanobilis 1010 Nepotif 8+2=-6 (-6) + (-2) = -8 Napotif Eldupa igin Pozitif & sayus hesoplonip Two s complement applic 8= (1000) < One's Comp. 0111 $(-8) = (1000)_{2}$ = Two scomp 1 so et 11 Tom son





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(106) -4	375	Excess & Nototion 1111 > 15-8=7	
0100.01.1		10011 -> 10-8=2 1001 -> 9-8=1 1000 -> 8-8=3 0111 -> \$-8=1	
0.10001		$0110 \rightarrow 6-82-2$	
Yazlıp Noleta	3 sofo Novelo	0000 -> 0-8 = -8 / n 3 sogo lignos 11 11 01 0 0 0 0	Excess 8 Not
Oslogisty b	-8-2		olu
1 olur -4.375 = (.		100011 ohu- 001100000)	