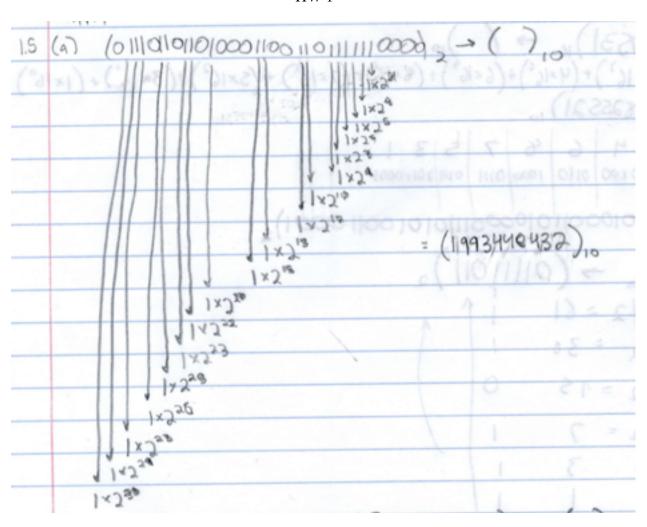
Willis T. Allstead

Professor Egbert

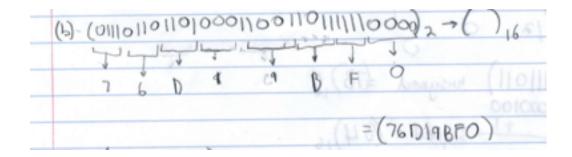
CPE 301 section 1001

10 September 2016

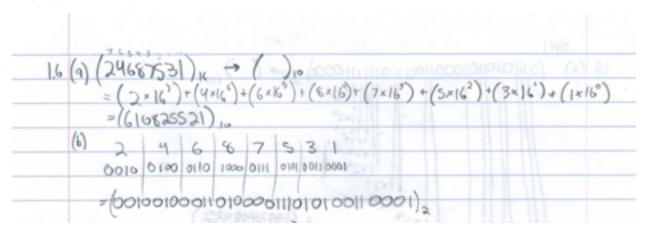
HW 1



1.5) a) (1993448432)₁₀



1.5) b) (76D19BF0)₁₆



1.6) a) (610825521)₁₀

b) (00100100011010000111010100110001)₂

24687531/16	= 1542970	- INEB	(b) (123) 1 - A
1542970/16 =	96435	. 7	1) (A) not possible
96435/16/=0	6027	00103830	4 00 00 00 (d)
6027 16	376	COO 12-8	= (178B3AB),
376/16 =	23	6=4	oldizen to (1)
23/16	1	7:71	I slding ton (a) DII
1/16	0	(Not obst)	yourses by (a)
(b) (176 B 3 A = (0001 0111 1000 11	B) ic		- a(AP(32) (3)

1.7) a) (178B3AB)₁₀

b) (00010111100011000011101111100)₂

1.8 (123),
$$\rightarrow$$
 (0|||0||).

123/2 = 61
61/2 = 36

30/2 = 15

15/2 = 7

1/2 3 1

3/2 1

1/2 0 1

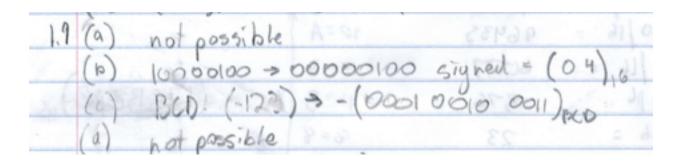
1/3 0 1

(a) (0|||0||) unsigned = (64)
(b) woodoo

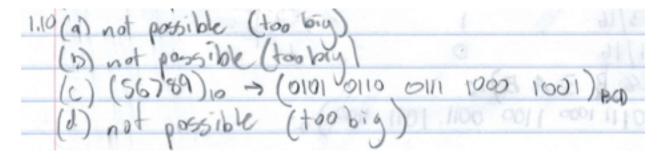
1 signed = (64)
16

10000100

(c) (123), \rightarrow (0001 0010 0011) Beco = (123) 16
(d) (123), \rightarrow ASCII = {



- 1.9) a) not possible
 - b) (00000100)₂
 - c) $-(000100100011)_{BCD}$ or impossible
 - d) not possible



- 1.10) a) not possible
 - b) not possible
 - c) $(01010110011110001001)_{BCD}$
 - d) not possible