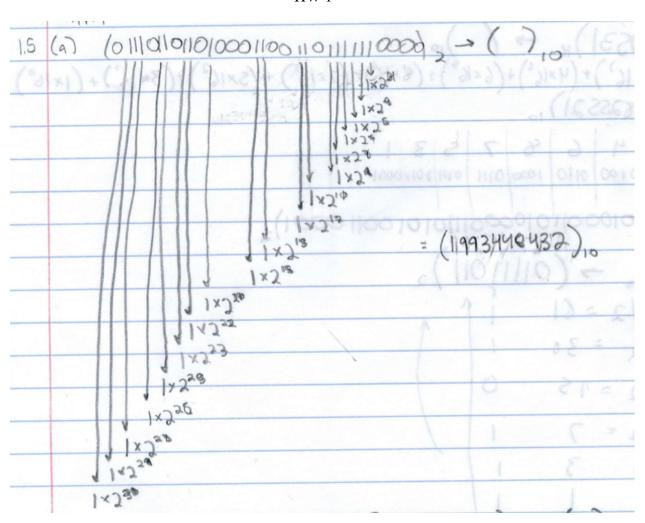
Willis T. Allstead

Professor Egbert

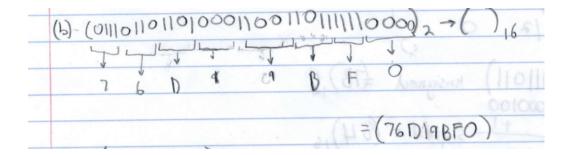
CPE 301 section 1001

10 September 2016

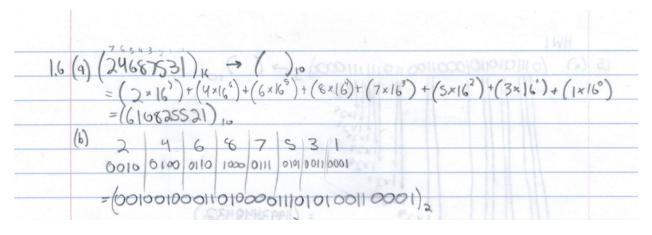
HW 1



1.5) a) (1993448432)₁₀



1.5) b) (76D19BF0)₁₆



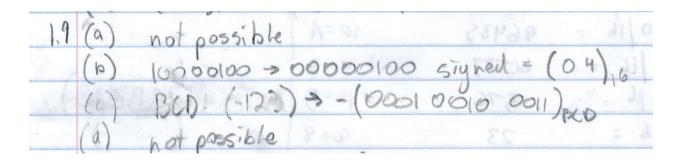
1.6) a) (610825521)₁₀

b) (00100100011010000111010100110001)₂

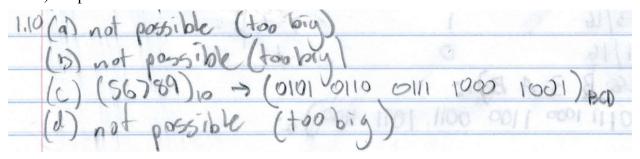
1.7) a) (178B3AB)₁₀

b) (0001011110001100001110111100)₂

1.8 (123), - (01/1/01)	[12]
123/2 = 61 11	Cx1 F
61/2 = 30	G(X)
30/2=15	35 C
15/2=71	100
7/2 3 1	
3/2	
1/2/ 0- (1000/////01000/	
0	I de la company
(a) (0111011) unsigned =7B)16	1 0 3
(b) 10000100	
+1 signed = (64),6	
10000100	01(18283)
(c) (123),0 → (0001 0010 0011) BCD (d) (123),6 → ASCII = {	=(123)



- 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