CSc 1301: PRINCIPLES OF COMPUTER SCIENCE Lab 4

Name: Ratid Shaan Lab time: 3:00 PM

How to Submit

Please submit your answers on iCollege once you have completed (by the same day with lab time). Failure to submit will result in a **ZERO FOR THIS LAB. NO EXCEPTIONS**.

Complete the following problems for the other values and show work

	Decimal	Hexadecimal	Binary	Octal
1. 10111010_2	186,0	BAIR	272,	~)
128+32+16+8+2	= 186			
1011 1010		010 111 010		
8 4 20 18 4 21		2 7 2		V 4802
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	243,0	F3 ₁₆	363,	Octal
128+64+32+16+2	+1= 243	12 8/ //5/		
1111 / 2011		011 110 011 4 21 4 21 3 6 3		
84211 84211		3 6 3		
	170,0		2528	Octal
2 2 2 2 2		212/12/12/2		
128 + 32 + 8 + 2 =	170	010 101 010 121 H211 4211 2 5 2		
1010 1010 1014 21 1042				Octal
4. 110110112	219,0	DB,	3338	~
27 26 24 23 21 20	212			
8+64+16+8+2+1=	219	011 011 011 4/21 4/21 4/211 3 3 3		
1101 1011 ■13 → D 11 → B		3 3 3		
$5. 2E9_{16}$	745,0	135/8	Octal 101110100	1/2
11		do de de a de a	101110100	,
2 Ez 9 14 21 18421 184211	4211	1011101001 11211 11211 4211	29 27 25 25 23 2	20
010 1110 1001		-		
	,		12 + 128 + 64 + 32 + 8	+1=7

