HW4: Signed Arithmetic

	Due Feb 6 at 11:59pm	Points 40	Questions 4	Available until Feb 8 at 11:59pm	Time Limit None
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Attempt History

Att	tempt	Time	Score
LATEST Att	tempt 1	5 minutes	38 out of 40

▲ Correct answers will be available Feb 8 at 11:59pm - Feb 13 at 11:59am.

Score for this quiz: **38** out of 40 Submitted Feb 1 at 4:14pm This attempt took 5 minutes.

Performed the following in 1	4-bit signed addition: 10				
	1				
+		1	1	0	
+	1	0	0	1	
	1	1	1	1	
	1	0	0	0	
Did Signed Overflow occu	r? (enter y for yes or n fo	or no) n			
Answer 1:					
1					
Answer 2:					
1					
Answer 3:					
1					
Answer 4:					
1					
Answer 5:					
0					
Answer 6:					
1					

Answer 7:			
0			
Answer 8:			
0			
Answer 9:			
0			
Answer 10:			
n			

Performed the following in 4-bit signed addition: 1101 +1100 1	Question 2				10 / 10 pts	
+ 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0	Performed the following	owing in 4-bit signed addi	tion: 1101 +1100			
+ 1 1 0 0 0 Did Signed Overflow occur? (enter y for yes or n for no) n Answer 1: 1 Answer 2: 1 Answer 3: 0 Answer 4: 0 Answer 5: 0 Answer 6:	1	1	0	0	0	
1 0 0 1 Did Signed Overflow occur? (enter y for yes or n for no) n Answer 1: 1 Answer 2: 1 Answer 3: 0 Answer 4: 0 Answer 5: 0 Answer 6:	+					
Answer 1: 1 Answer 2: 1 Answer 3: 0 Answer 4: 0 Answer 5: 0 Answer 6:						
1 Answer 2: 1 Answer 3: 0 Answer 4: 0 Answer 5: 0 Answer 6:	Did Signed Overflo	ow occur? (enter y for yes	or n for no) n			
Answer 2: 1 Answer 3: 0 Answer 4: 0 Answer 5: 0 Answer 6:	Answer 1:					
1 Answer 3: 0 Answer 4: 0 Answer 5: 0 Answer 6:	1					
Answer 3: 0 Answer 4: 0 Answer 5: 0 Answer 6:						
0 Answer 4: 0 Answer 5: 0 Answer 6:						
0 Answer 5: 0 Answer 6:						
Answer 5: 0 Answer 6:	Answer 4:					
O Answer 6:	0					
Answer 6:	Answer 5:					
	0					
1	Answer 6:					
	1					

0			
Answer 8:			
0			
Answer 9:			
1			
Answer 10:			
n			

Question 3				10 / 10 pts	
Performed the f	following in 4-bit signed add	ition: 0110 +0010			
0	1	1	0	0	
	0	1	1	0	
+	1	0 0	0	0	
Did Signed Ove	erflow occur? (enter y for ye	s or n for no)			
Answer 1:					
0					
Answer 2:					
1					
Answer 3:					
1					
Answer 4:					
0					
Answer 5:					
0					
Answer 6:					
1					
Answer 7:					
0					

Answer 8:			
0			
Answer 9:			
0			
Answer 10:			
у			

Partial

Question 4 8 / 10 pts					
Performed the fo	ollowing in 4-bit signed ad	dition: 1001 +1010			
1	1	0	0	0	
	1	0	0	1	
+	1	0	1	0	
	1				
Did Signed Ove	rflow occur? (enter y for ye	es or n for no)			
Answer 1:					
1					
Answer 2:					
1					
Answer 3:					
0					
Answer 4:					
0					
Answer 5:					
0					
Answer 6:					
1					
Answer 7:					
0					
U					

1			
Answer 9:			
1			
Answer 10:			
у			

Quiz Score: 38 out of 40