Assignment 0209 Feedback

Please consult the written feedback (on GitHub if you submitted electronically; written on your submission if you submitted on paper) to determine points of improvement (if any). If anything is unclear, don't hesitate to ask me or a class TA.

To assist with questions, the number/character choices that you supplied, along with our interpretation of your written answer, are also included.

Yeon-Soo Shin   *yshin4 / yshin4@lion.lmu.edu*

	Your Selection or Answer	1a	1b	4d	4f
1.1	-31005				+
1.1a	34531	+			
1.1b	8.6E+04	+			
1.1c	1000 0110 1110 0011	+			
1.2	A234				+
1.2a	41524	+			
1.2b	-24012	+			
1.2c	1010 0010 0011 0100	+			
1.3	111				+
1.3a	273	+			
1.3b	273	+			
1.3c	0000 0001 0001 0001	+			
1.4	1011 1011 1011 1011			+	
1.4a	48059	+			
1.4b	-17477	+			
1.4c	BBBB	+			
1.5	8765			+	
1.5a	34661	+			
1.5b	-30875	+			
1.5c	1000 0111 0110 0101	+			
1.6	48001			+	
1.6a	-17535	+			
1.6b	BB81	+			
1.6c	1011 1011 1000 0001	+			
1.7	81			+	
1.7a	81	+			
1.7b	51	+			
1.7c	0000 0000 0101 0001	+			

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	Your Selection or Answer	1a	1b	4d	4f
1.8	-69				+
1.8a	65467	+			
1.8b	FFBB	+			
1.8c	1111 1111 1011 1011	+			
1.9	0001 0111 0111 0111				+
1.9a	6007	+			
1.9b	6007	+			
1.9c	1777	+			
1.10	284D				+
1.10a	10317	+			
1.10b	10317	+			
1.10c	0010 1000 0100 1101	+			
2				+	
2.1	9898; your negative = 6768	+			
2.2	D222; your negative = 2DDE	+			
2.3	8887; your negative = 777B	|			
2.4	3BB2; your negative = C44E	+			
2.5	010B; your negative = FEF5	+			
3				+	
3.1	2828 + 5A5A				
3.1a	saturated: FFFF	|			
3.1b	modular: 8282	+			
3.1c	carry: n	+			
3.1d	overflow: y	+			
3.2	7077 + E7EE				
3.2a	saturated: 5865	+			
3.2b	modular: 5865	+			
3.2c	carry: y	+			
3.2d	overflow: n	+			

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	Your Selection or Answer	1a	1b	4d	4f
3.3	BBCC + BABC				
3.3a	saturated: 8000	+			
3.3b	modular: 4688	|			
3.3c	carry: y	+			
3.3d	overflow: y	+			
3.4	A111 + 9AAA				
3.4a	saturated: 8000	+			
3.4b	modular: 3BBB	+			
3.4c	carry: y	+			
3.4d	overflow: y	+			
3.5	A234 + 2ABC				
3.5a	saturated: CCF0	+			
3.5b	modular: CCF0	+			
3.5c	carry: n	+			
3.5d	overflow: n	+			
3.6	580F + 0F58				
3.6a	saturated: 6767	+			
3.6b	modular: 6767	+			
3.6c	carry: n	+			
3.6d	overflow: n	+			
3.7	C0CA + C0C0				
3.7a	saturated: FFFF	|			
3.7b	modular: 818A	+			
3.7c	carry: y	+			
3.7d	overflow: n	+			
4.1	Minimum capacity (gigabytes), price: 240, $69.99 Maximum capacity (gigabytes), price: 960, $299.99				
4.2a	$0.000000291666700	+			
4.2b	$0.000000312500000	+			
4.2c	$0.00	+			
4.3a	$0.00000010110000000000000000000000	+			
4.3b	$0.00000000000001001011000000000000	+			
4.3c	$0.00000010101110110101001000000	+			

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5.1	0.5625			+	
5.1a	3F D0 00 00	|			
5.1b	3F E2 00 00 00 00 00 00	+			
5.2a	2^(-149)	/			
5.2b	2^(-1074)	/			
5.3	42 8D A3 C1			+	
5.3a	1000 1101.1010 0011 1100 0001	/			
5.3b	141.67	/			
5.4	41 AB 52 CD 63 EF 78 90			+	
5.4a	1101 1010 1001 0110 0110 1011 0001.1111 0111 1011 1000 1001 0000	/			
5.4b	229205506	+			
6.1	105A4D			+	
6.1a	F4 85 A9 8D		+		
6.1b	D8 16 DE 4D		|		
6.1c	00 10 5A 4D		+		
6.2	Jen (S)(h)(i)(n)			+	
	0000004A 00000065 0000006E 00000020 000024E2 000024D7 000024D8 000024DD				
6.2a	4A 65 6E 20 E2 93 A2 E2 93 97 E2 93 98 E2 93 9D		+		
6.2b	004A 0065 006C 0020 24E2 24D7 24D6 24DD		|		
6.2c	0000004A 00000065 0000006E 00000020 000024E2 000024D7 000024D8 000024DD		+		
6.3	1F4BB 1F3AE 1F35F 1F415			+	
6.3a	F0 9F 92 BB F0 9F 8E AE F0 9F 8D 9F F0 9F 90 95		+		
6.3b	D8 3D DC BB D8 3C DF AE D8 3C DF 5F D8 3D DC 15		|		
6.3c	0001F4BB 0001F3AC 0001F35F 0001F415		|		
6.4				+	
Overall		+	+	+	+