

### Extra Credit Compensated for Quiz #4

#### Instructions:

1. The deadline will be 11:59pm, Oct. 30, 2016.
2. No feedback offered to you after grading.
3. The weight for this assignment is 1 points.
4. Pls submit it to ExtraCredit #1 in D2L.

**[Problem 1]** Show the contents in hexadecimal of registers PC, AR, DR, IR, and SC of the basic computer (see Figure 5-4) in the follow table when an ISZ indirect instruction is fetched from memory and executed. The initial values are as follows: PC=300; M(300)=EBBB; M(BBB)=D21. M(D21)=CCCC.

	PC	AR	DR	IR	SC
Initial value	300	---	---	---	0
T0	300	300	---	---	1
T1	301	300	---	EBBB	2
T2	301	BBB	---	EBBB	3
T3	301	D21	---	EBBB	4
T4	301	D21	CCCC	EBBB	5
T5	301	D21	0000	EBBB	6
T6	302	D21	0000	EBBB	0