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Cycle	Instruction Retired	Reason
1		
2		
3		
4	lbi r0, 0	
5	lbi r5, 43	
6	lbi r6, 43	
7	lbi r7, 43	
8	ld r1, r0, 0	
9	Nop	nop to finish Load Instruction
10	st r5, r1, 0	
11	ld r1, r0, 2	
12	Nop	nop to finish Load Instruction
13	st r6, r1, 1	
14	ld r1, r0, 4	
15	Nop	nop to finish Load Instruction
16	st r7, r1, 1	
17	halt	Halt