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Cycle	Instruction Retired	Reason
1	nop	no instructions retired yet
2	nop	no instructions retired yet
3	nop	no instructions retired yet
4	nop	no instructions retired yet
5	lbi r0, 0	
6	lbi r5, 43	
7	lbi r6, 43	
8	lbi r7, 43	
9	ld r1, r0, 0	
10	nop	st r5, r1, 0 requires r1, RAW hazard detected. Need to wait until load completes
11	nop	st r5, r1, 0 requires r1, RAW hazard detected. Need to wait until load completes
12	st r5, r1, 0	
13	ld r1, r0, 2	
14	nop	st r6, r1, 1 requires r1, RAW hazard detected. Need to wait until load completes
15	nop	st r6, r1, 1 requires r1, RAW hazard detected. Need to wait until load completes
16	st r6, r1, 1	
17	ld r1, r0, 4	
18	nop	st r7, r1, 1 requires r1, RAW hazard detected. Need to wait until load completes
19	nop	st r7, r1, 1 requires r1, RAW hazard detected. Need to wait until load completes
20	st r7, r1, 1	
21	halt	