

# Instruction Timeline

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Demo 2

Cycle	Inst. Retired	Reason
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1 N/A  
2  
3  
4

5 LBE R0, 0

6 LBE R5, 43

7 LBE R4, 43

8 LBE R7, 43

9 LD R1, R0, 0

10 NOP

11 NOP Hazard on R1

12 NOP

13 ST R5, R1, 0

14 LD R1, R0, 0

Cycle	Inst. Retired	Reason
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15 NOP

16 NOP Hazard on R1

17 NOP

18 ST R6, R1, 1

19 LD R1, R0, 4

20 NOP

21 NOP Hazard on R1

22 NOP

23 ST R7, R1, 1

24 Halt

25 Halt

26 Halt