

NO.	Instruction	Addr.	Label	ASM	Comment
0	00000013	0	__start:	addi x0, x0, 0	
1	00402103	4		lw x2, 4(x0)	
2	00802203	8		lw x4, 8(x0)	Structural Hazard
3	004100b3	C		add x1, x2, x4	
4	fff08093	10		addi x1, x1, -1	WAW
5	00c02283	14		lw x5, 12(x0)	
6	01002303	18		lw x6, 16(x0)	
7	01402383	1C		lw x7, 20(x0)	
8	402200b3	20		sub x1,x4,x2	
9	ffd50093	24		addi x1,x10,-3	
10	00520c63	28		beq x4,x5,label0	
11	00420a63	2C		beq x4,x4,label0	
12	00000013	30		addi x0,x0,0	
13	00000013	34		addi x0,x0,0	
14	00000013	38		addi x0,x0,0	
15	00000013	3C		addi x0,x0,0	
16	000040b7	40	label0:	lui x1,4	
17	00c000ef	44		jal x1,12	
18	00000013	48		addi x0,x0,0	
19	00000013	4C		addi x0,x0,0	
20	ffff0097	50		auipc x1, 0xffff0	
21	0223c433	54		div x8, x7, x2	
22	025204b3	58		mul x9, x4, x5	
23	022404b3	5C		mul x9, x8, x2	St. Ha./RAW/WAW
24	00400113	60		addi x2, x0, 4	WAR
25	000000e7	64		jalr x1,0(x0)	
26	00000013	68		addi x0,x0,0	
27	00000013	6C		addi x0,x0,0	

