NO.	Instruction	Addr.	Label	ASM	Comment
0	00000013	0	__start:	addi x0, x0, 0	
1	00402103	4 *6*		lw x2, 4(x0)	x2= 0x0000_0008
2	00802203	8 *b*		lw x4, 8(x0)	Structural Hazard x4= 0x0000001C
3	004100b3	C *e*	*RAW*	add x1, x2, x4	x1= 0x18
4	fff08093	10 *12*	*S.H.*	addi x1, x1, -1	WAW x1= 0x17
5	00c02283	14 *14*		lw x5, 12(x0)	x5= 0x14
6	01002303	18 *19*		lw x6, 16(x0)	x6= 0xFFFF000C
7	01402383	1C *1f*		lw x7, 20(x0)	x7= 0x0FFF0000 268369920d
8	402200b3	20 *1e*	*WAW*	sub x1,x4,x2	x1= 0x8 *WB*
9	ffd50093	24 *22*		addi x1,x10,-3	x1 = 0xFFFF_FFFD
10	00520c63	28 *23*		beq x4,x5,label0	
11	00420a63	2C *27*		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 *2b*	label0:	lui x1,4	x1= 0x00004000C
17	00c000ef	44 *2f*	*S.H. WAW*	jal x1,12	x1= 0x48 0x5C
18	00000013	48		addi x0,x0,0	
19	00000013	4C		addi x0,x0,0	
20	ffff0097	50 *33*		auipc x1, 0xffff0	0xffff005C
21	0223c433	54 *58*		div x8, x7, x2	x8= 0x1FFE000 33546240d
22	025204b3	58 *3b*		mul x9, x4, x5	x9 = 0x140 320d
23	022404b3	5C *61*		mul x9, x8, x2	St. Ha./RAW/WAW x9 = 0x0FFF0000
24	00400113	60 *5a*		addi x2, x0, 4	WAR x2 = 4
25	000000e7	64 *41*		jalr x1,0(x0)	
26	00000013	68		addi x0,x0,0	
27	00000013	6C		addi x0,x0,0	