

实验六 线下验收表

序号	测试指令	x1 寄存器输出值	x3 寄存器输出值	x10 寄存器输出值	时钟周期数
1	add	0x00000010	0x00000026	0x00c0ffee	458
2	addi	0x00000021	0x00000019	0x00c0ffee	235
3	and	0x11111111	0x0000001b	0x00c0ffee	478
4	andi	0x00ff00ff	0x0000000e	0x00c0ffee	191
5	auipc	0x00000000	0x00000003	0x00c0ffee	52
6	beq	0x00000003	0x00000015	0x00c0ffee	284
7	bge	0x00000003	0x00000018	0x00c0ffee	302
8	bgeu	0x00000003	0x00000018	0x00c0ffee	327
9	blt	0x00000003	0x00000015	0x00c0ffee	284
10	bltu	0x00000003	0x00000015	0x00c0ffee	309
11	bne	0x00000003	0x00000015	0x00c0ffee	284
12	jal	0x00000003	0x00000003	0x00c0ffee	48
13	jalr	0x00000000	0x00000007	0x00c0ffee	108
14	lb	0x00002000	0x00000002	0x00c0ffee	43
15	lbu	0x00002000	0x00000002	0x00c0ffee	43
16	lh	0x00002000	0x00000002	0x00c0ffee	43
17	lhu	0x00002000	0x00000002	0x00c0ffee	43
18	lui	0xffff800	0x00000006	0x00c0ffee	58
19	lw	0x00002000	0x00000002	0x00c0ffee	44
20	or	0x11111111	0x0000001b	0x00c0ffee	481
21	ori	0x00ff00ff	0x0000000e	0x00c0ffee	198
22	sb	0x00002000	0x00000004	0x00c0ffee	63
23	sh	0x00002000	0x00000004	0x00c0ffee	65
24	sll	0x00000400	0x0000002b	0x00c0ffee	486
25	slli	0x00000021	0x00000019	0x00c0ffee	234
26	slt	0x00000010	0x00000026	0x00c0ffee	452
27	slti	0x00ff00ff	0x00000019	0x00c0ffee	230

28	sltiu	0x00ff00ff	0x00000019	0x00c0ffee	230
29	sltu	0x00000010	0x00000026	0x00c0ffee	452
30	sra	0x00000400	0x0000002b	0x00c0ffee	505
31	srai	0x00000021	0x00000019	0x00c0ffee	249
32	srl	0x00000400	0x0000002b	0x00c0ffee	499
33	srli	0x00000021	0x00000019	0x00c0ffee	243
34	sub	0x00000010	0x00000025	0x00c0ffee	450
35	sw	0x12233001	0x00000017	0x00c0ffee	483
36	xor	0x11111111	0x0000001b	0x00c0ffee	480
37	xori	0x00ff00ff	0x0000000e	0x00c0ffee	200
C-Test C 语言测试程序执行结果					
1	b-sort.c	指令存储器加载: b-sort-riscv32-npc.bin-logisim-inst.txt, 数据存储器分别加载: b-sort-riscv32-npc.bin-logisim-data0.txt ~ b-sort-riscv32-npc.bin-logisim-data3.txt			
程序执行周期数: 1348					
程序执行结果, 数据存储器地址 M[0x90-0xDC]中的数据排列结果:					
0x18-0x24字节: RAM3: fb 00 00 01 00 ff 08 00 fd 0e 00 00 00 RAM2: 1f c1 00 01 00 01 c0 11 9f a0 00 00 00 RAM1: f0 20 05 01 80 01 05 26 f0 20 00 00 00 RAM0: ef 83 13 13 67 13 13 23 ef 23 6f 00 00					
2	q-sort.c	指令存储器加载: q-sort-riscv32-npc.bin-logisim-inst.txt, 数据存储器分别加载: q-sort-riscv32-npc.bin-logisim-data0.txt ~ q-sort-riscv32-npc.bin-logisim-data3.txt			
程序执行周期数: 999					
程序执行结果, 数据存储器地址 M[0x314-0x360]中的数据排列结果:					
0xc5-0xd8字节: RAM3: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 09 0b 53 RAM2: 00 00 00 00 00 00 00 00 00 01 01 01 02 06 13 2d 5b 89 53 72 RAM1: 00 00 00 00 03 05 1f 2a 4e 5f 86 d4 bf 1a d6 c6 8d 68 2b 4e RAM0: 00 32 46 aa e8 dc 40 f8 20 90 a0 c0 20 80 20 c0 80 00 80 00					