

Assembly program 1					
Address	Instruction		Machine Code	DL	Isabella
#0	add	r0, r0, r0	0x 0000	0x 0000	0x0000
#1	addi	r1, r0, 1	0x 040B	0x 040B	0x040B
#2	ori	r2, r0, 2	0x 0814	0x 0814	0x0814
#3	xor	r3, r1, r2	0x 29A0	0x 29A0	0x29A0
#4	add	r4, r1, r3	0x 2E00	0x 2E00	0x2E00
#5	or	r5, r1, r4	0x 3298	0x 3298	0x3298
#6	nor	r6, r2, r4	0x 5330	0x 5330	0x5330
#7	sub	r7, r6, r2	0x CB88	0xCB88	0xCB88
#8	orhi	r7, r3, 3	0x 7C1D	0x7C1D	0x7C1D
Assembly Program 2					
#0	add	r0, r0, r0	0x 0000	0x 0000	0x0000
#1	addi	r6, r0, 0x20	0x 1903	0x 1903	0x1883
#2	addi	r2, r0, 2	0x 0813	0x 4013	0x0813
#3	call	sum	0x 002F	0x 003F 0x 0027	0x003F
#4	end: br end		0x FF86	0x 0047 0x FFFE	0x0047
#5	sum: addi	r6, r6, -4	0x DBE3	0x B47B	0xDBE3 ?
#6	stw	r4, (r6)	0x D002	0x B002	0xD002
#7	addi	r3, r0, 0	0x 0C03	0x 6003	0x0C03
#8	addi	r4, r0, 1	0x 100B	0x 800B	0x100B
#9	loop: add	r3, r3, r4	0x 7180	0x 6E00	0x7180
#A	addi	r4, r4, 1	0x 900B	0x 900B	0x900B
#B	cmp	r2, r4	0x 5040	0x 5040	0x5040
#C	bge	loop	0x FE3E	0x 06BE 0x FF3E	0x06BE
#D	ldw	r4, (r6)	0x D001	0x D001	0xD001
#E	addi	r6, r6, 4	0x D823	0x D823	0xD823
#F	ret		0x E058	0x E058	0xE058
Assembly Program 3					
#0	add	r0, r0, r0	0x 0000	0x 0000	0x0000
#1	orhi	r1, r0, 8	0x 0445	0x 2045	0x0445
#2	ori	r2, r1, 0x10	0x 2884	0x 4484	0x2884
#3	ori	r3, r1, 0x40	0x 2E04	0x 6604	0x2E04
#4	ori	r4, r1, 0x50	0x 3284	0x 8684	0x3284
#5	addi	r5, r0, 1	0x 140B	0x A00B	0x140B
#6	loop: ldw	r6, (r3)	0x 7801	0x CC01	0x7801
#7	stw	r6, (r1)	0x 3802	0x C402	0x3802
#8	stw	r5, (r2)	0x 5402	0x A802	0x5402
#9	ldw	r6, (r4)	0x 9801	0x D001	0x9801
#A	cmp	r6, r7	0x DC40	0x DC40	0xDC40
#B	beq	loop	0x FD0E	0x 0585 0x FD0E	0x0585
#C	add	r7, r6, r0	0x C380	0x F800 0x C380	0xC280
#D	addi	r5, r5, 1	0xB40B	0x B40B	0xB40B
#E	br	loop	0x FB86	0x 0306 0x FB86	0x0306