Name	Mnemoni	Operation	Opcode	Func	Format
Add immediate	addi	addi $r1, $r2, 10; $r1 = $r2 + 10	1000	000	I
Add	add	add $r1, $r2, $r3; $r1 = $r2 + $r3	0000	000	R
Sub immediate	subi	subi $r1, $r2, 10; $r1 = $r2 – 10	1001	000	I
Bitwise OR	or	or $r1, $r2, $r3;	0000	001	R
Bitwise XOR	xor	xor $r1, $r2, $r3	0000	010	R
Set less than	slt	slt $r1, $r2, $r3	0000	011	R
Load word	lw	lw $r1, 0($r2)	1011	000	I
Load immediate	li	li $r1, 10	1100	000	I
Store word	sw	sw $r1, 0($r2)	1101	000	I
Jump	j	j 1000	0001	000	J
Branch on equal	beq	beq $r1, $r2, next	0010	000	J
Divide	div	div $r1, $r2, $r3	0000	100	R
Logical left shift	sll	sll $r1, $r2, 10	0000	110	R
Branch on less than or equal to	ble	ble $r1, $r2, next	0101	000	J
Multiply	mul	mul $r1, $r2, $r3	0000	101	R
Increment	inc	inc $r0	0011	000	J
Decrement	dec	dec $r0	0100	000	J
Branch if even	bie	bie $r1, next	0110	000	I

Table 1: ISA.