Instruction	OpCode[5:0]	rs[4:0]	rt[4:0]	rd[4:0]	shamt[4:0]	funct[5:0]
nop	0	0	0	0	0	0
lw	0x23	rs	rt	offset		
sw	0x2b	rs	rt	offset		
lui	0x0f	0	rt	imm		
add	0	rs	rt	rd	0	0x20
addu	0	rs	rt	rd	0	0x21
sub	0	rs	rt	rd	0	0x22
subu	0	rs	rt	rd	0	0x23
addi	0x08	rs	rt	imm		
addiu	0x09	rs	rt	imm		
and	0	rs	rt	rd	0	0x24
or	0	rs	rt	rd	0	0x25
xor	0	rs	rt	rd	0	0x26
nor	0	rs	rt	rd	0	0x27
andi	0x0c	rs	rt	imm		
sll	0	0	rt	rd	shamt	0
srl	0	0	rt	rd	shamt	0x02
sra	0	0	rt	rd	shamt	0x03
slt	0	rs	rt	rd	0	0x2a
slti	0x0a	rs	rt	imm		
sltiu	0x0b	rs	rt	imm		
beq	0x04	rs	rt	offset		
bne	0x05	rs	rt	offset		
blez	0x06	rs	0	offset		
bgtz	0x07	rs	0	offset		
bltz	0x01	rs	0	offset		
j	0x02	target				
jal	0x03	target				
jr	0	rs	0			0x08
jalr	0	rs	0	rd	0	0x09