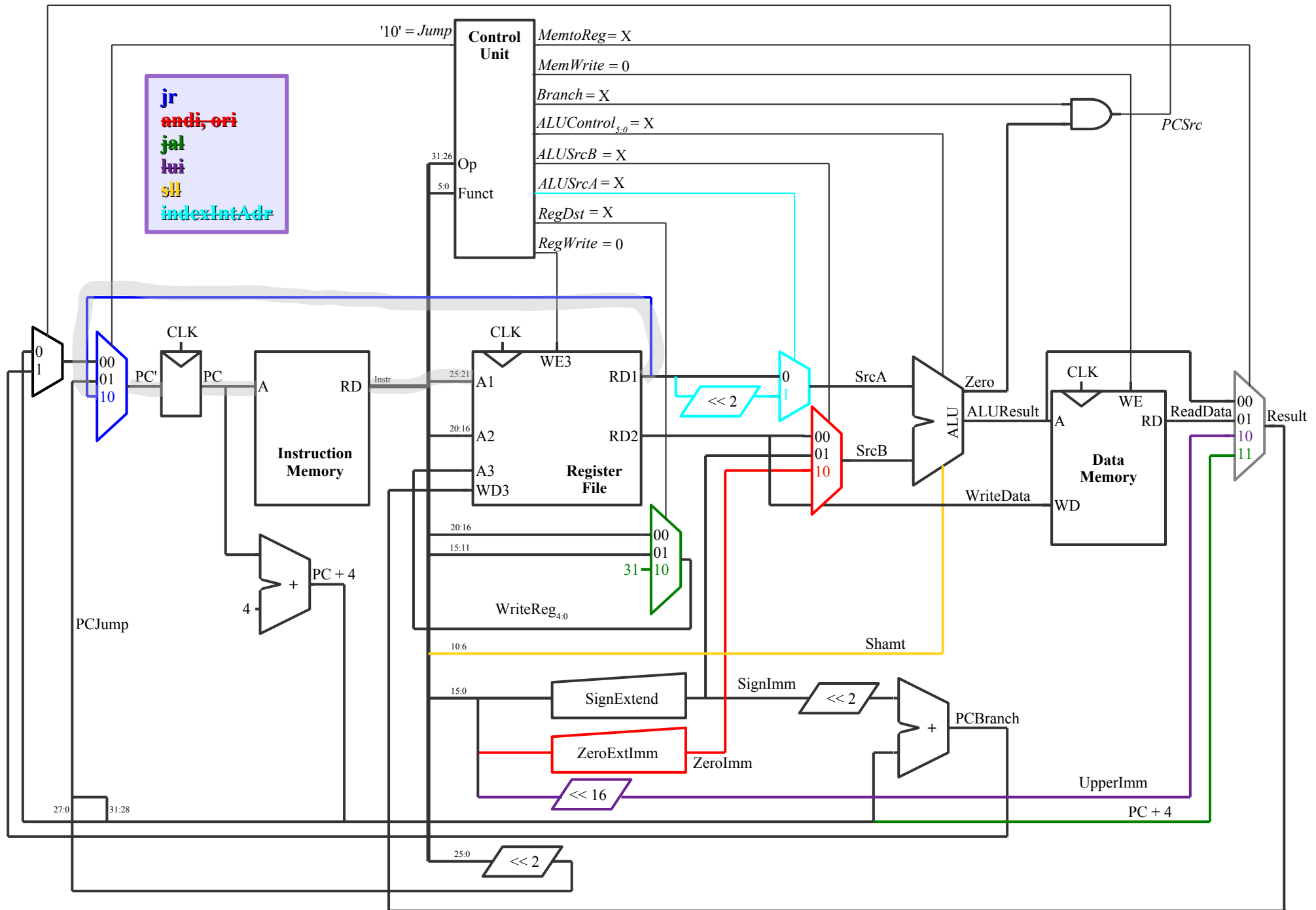
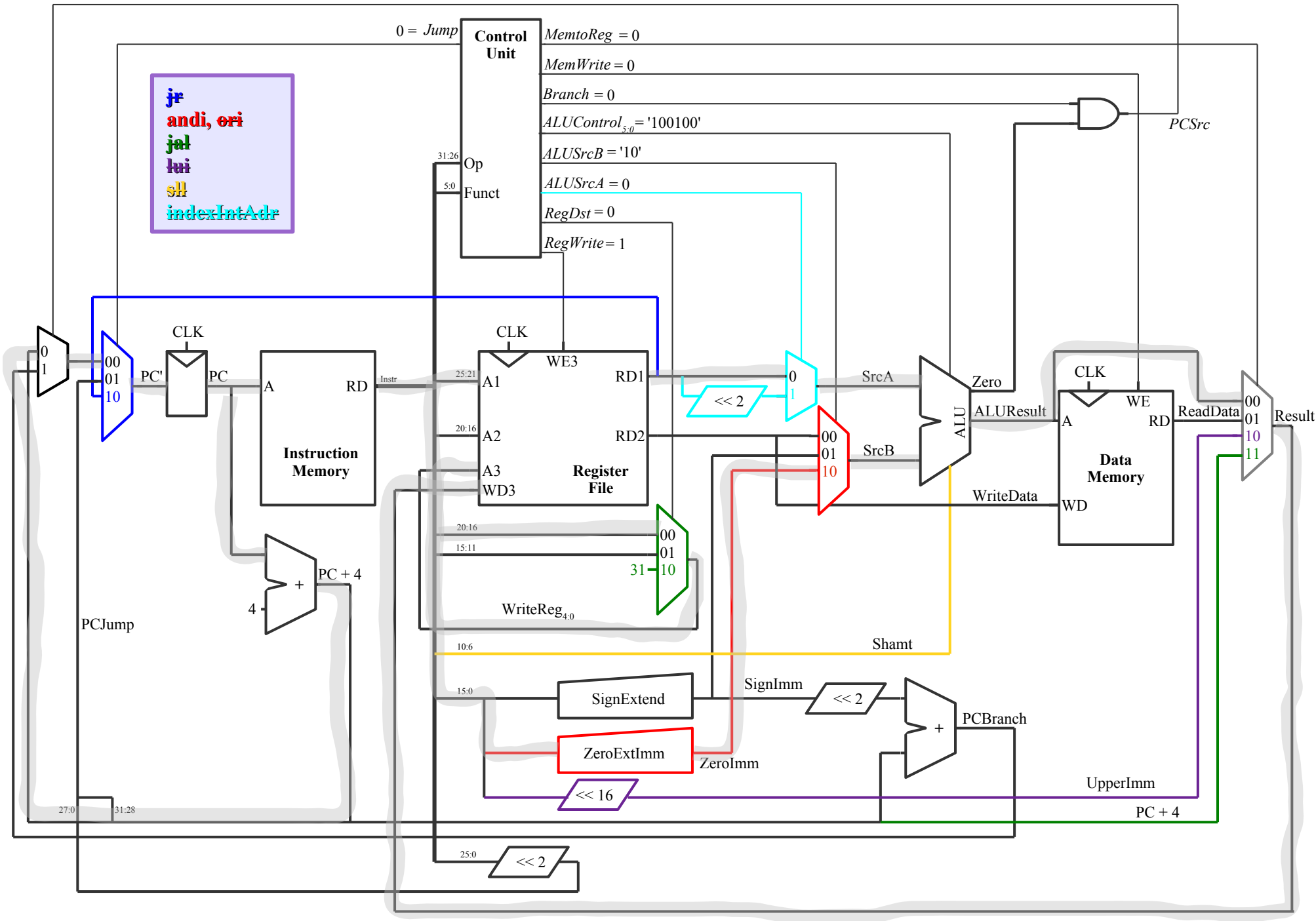
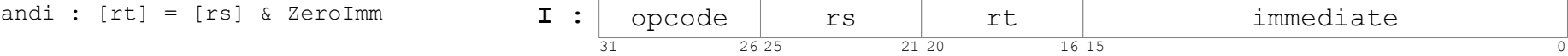
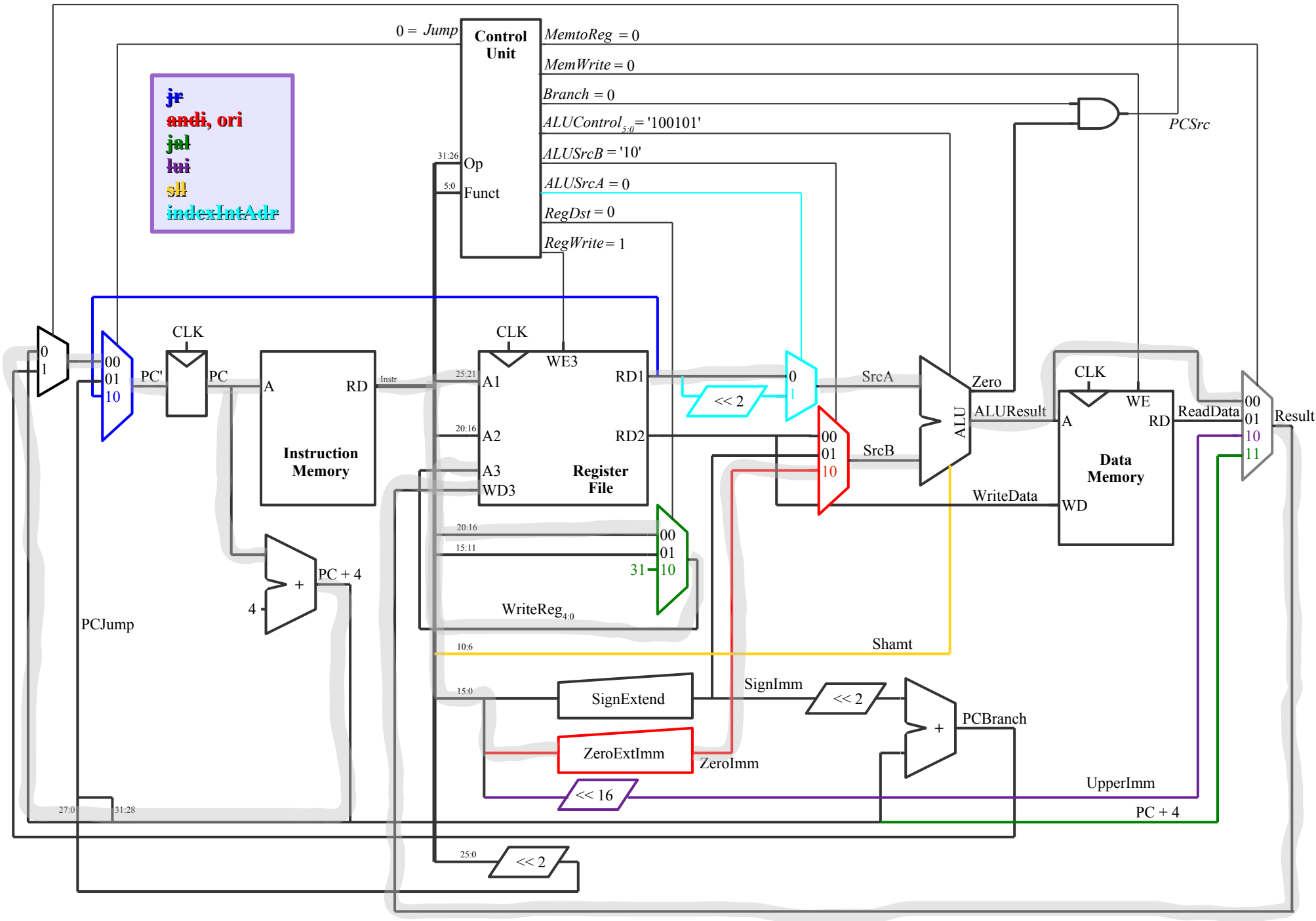
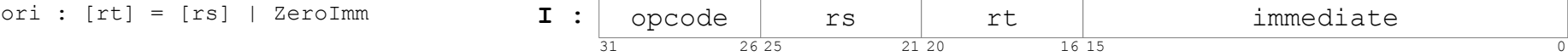


R :	opcode	rs	rt	rd	shamt	funct
	31 26	25 21	20 16	15 11	10 6	5 0



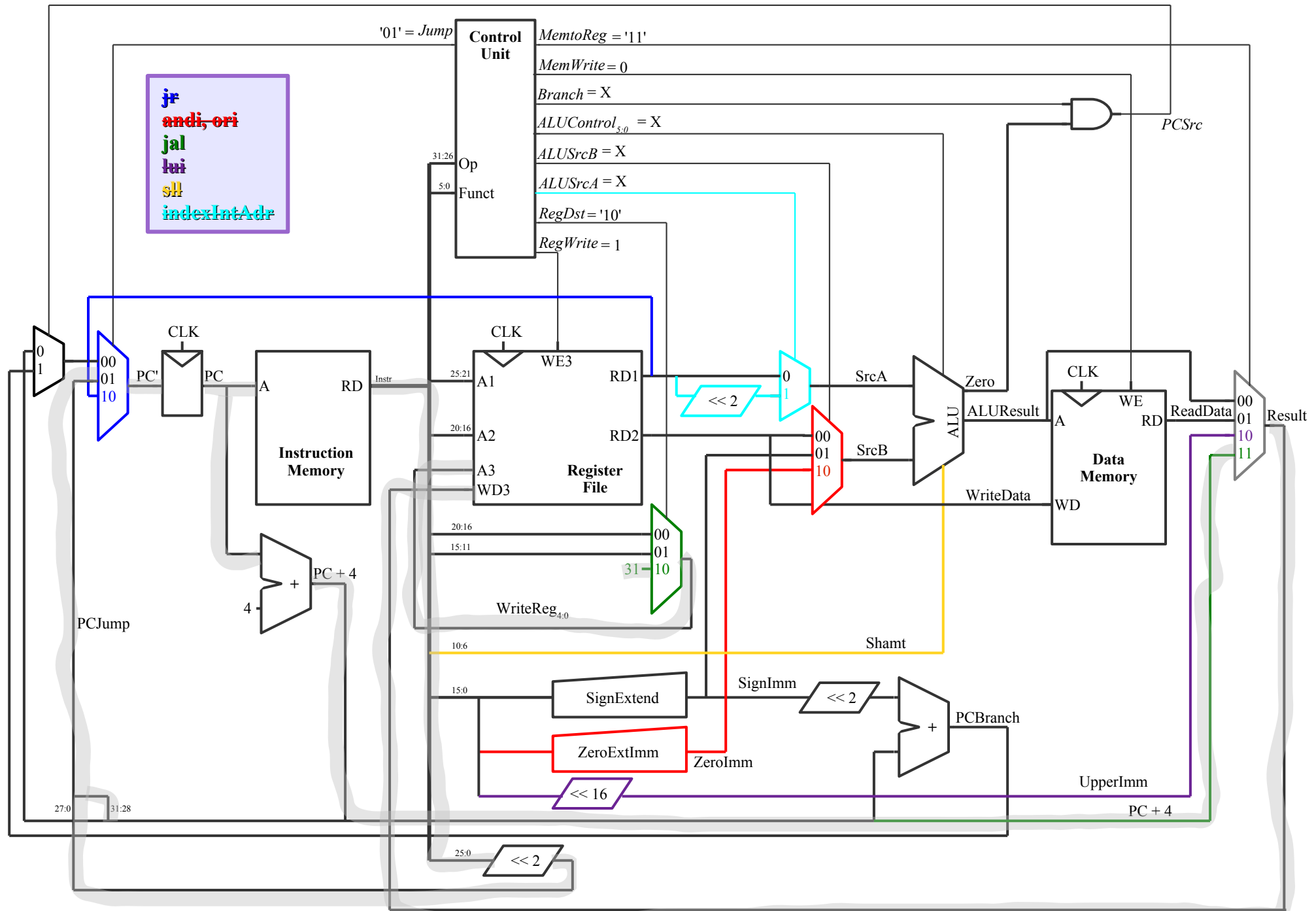




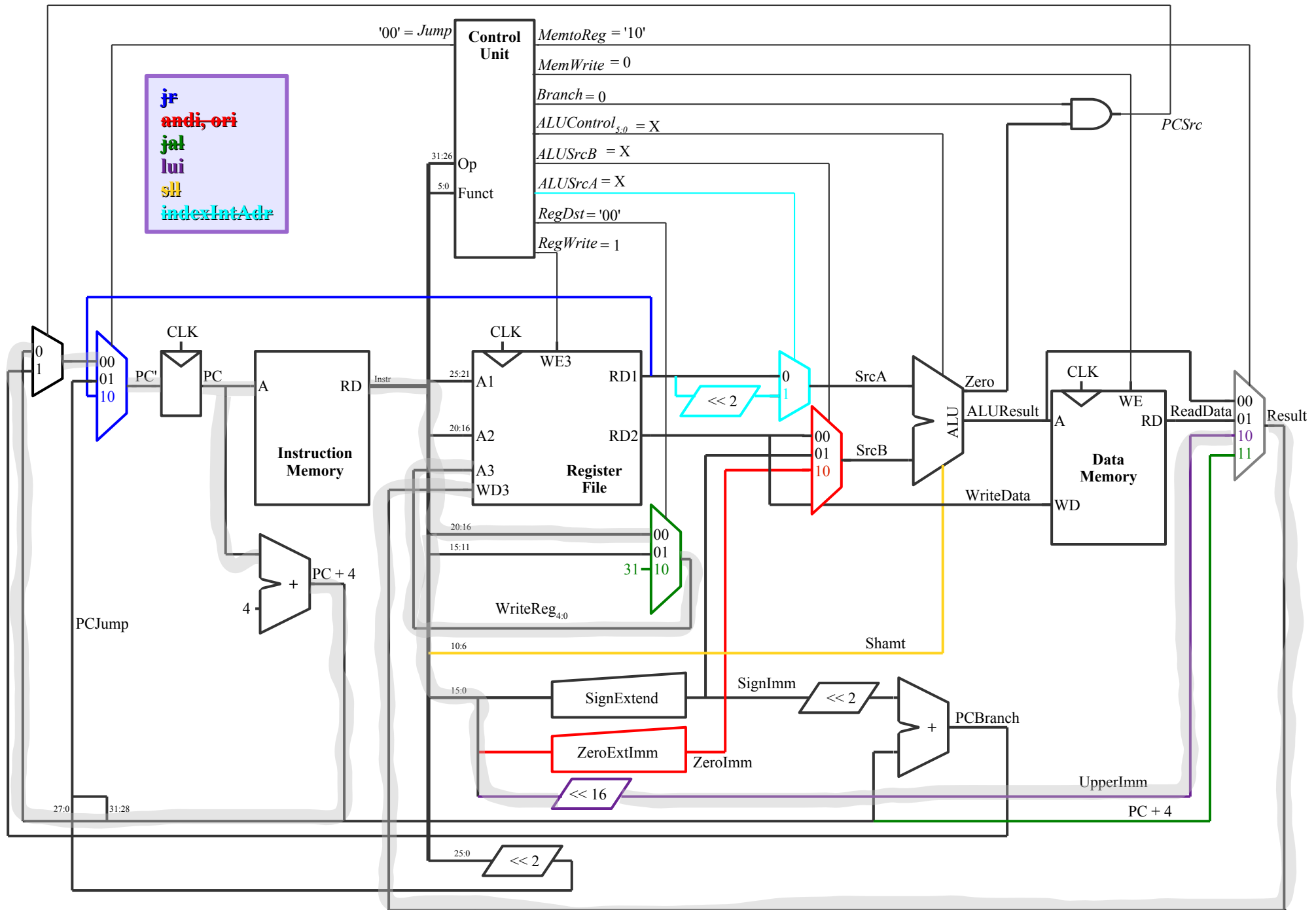
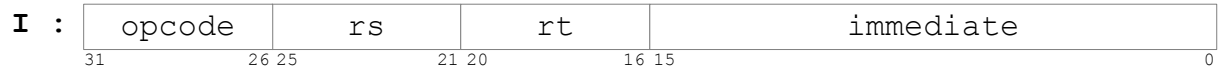
jal : [\$ra] = PC + 4, PC = PCJump

J :

opcode	address
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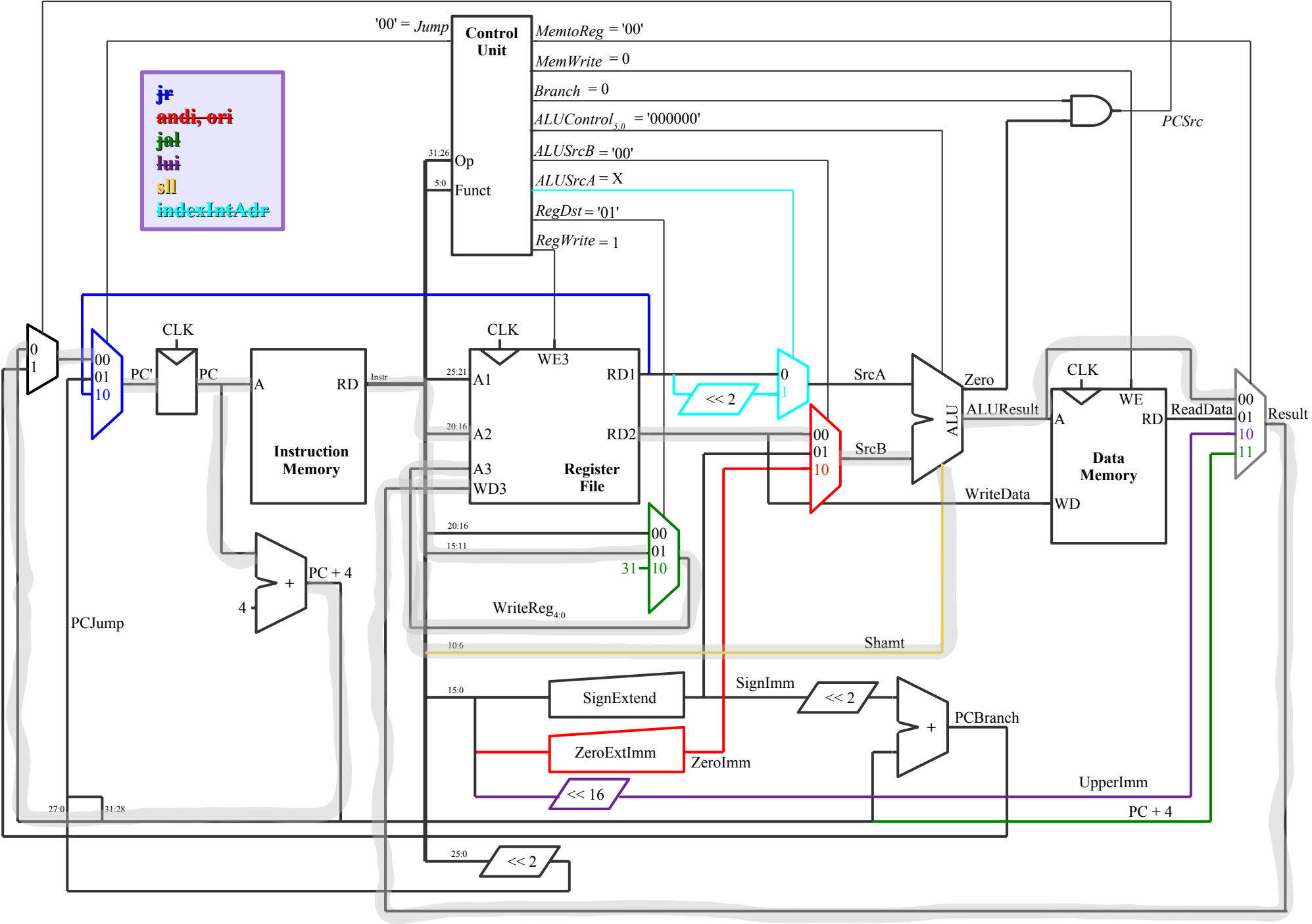
```
lui : [rt] = {imm, 16'b0}
```

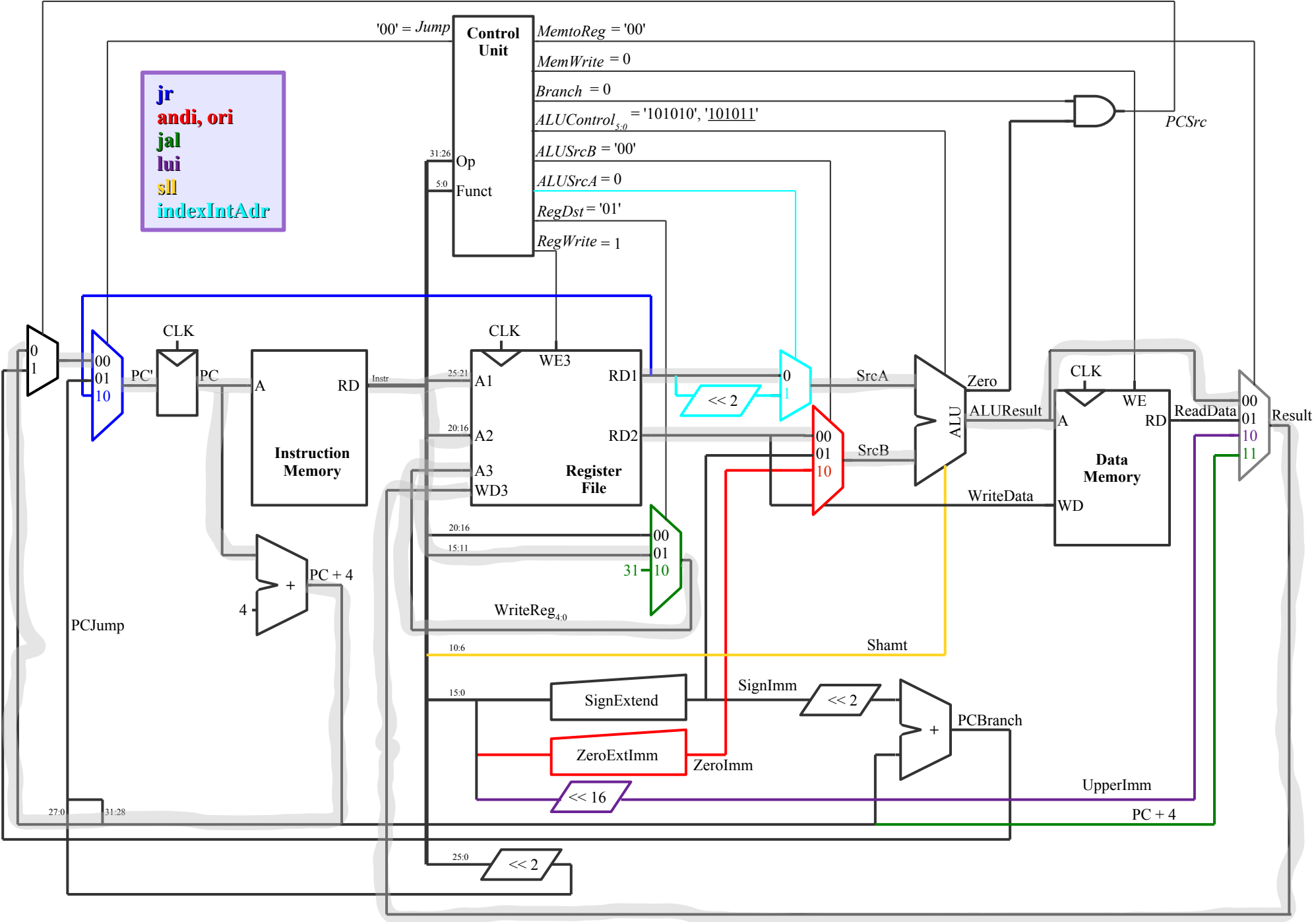


sll : [rd] = [rt] << shamt

R :

opcode	rs	rt	rd	shamt	funct	
31	26 25	21 20	16 15	11 10	6 5	0

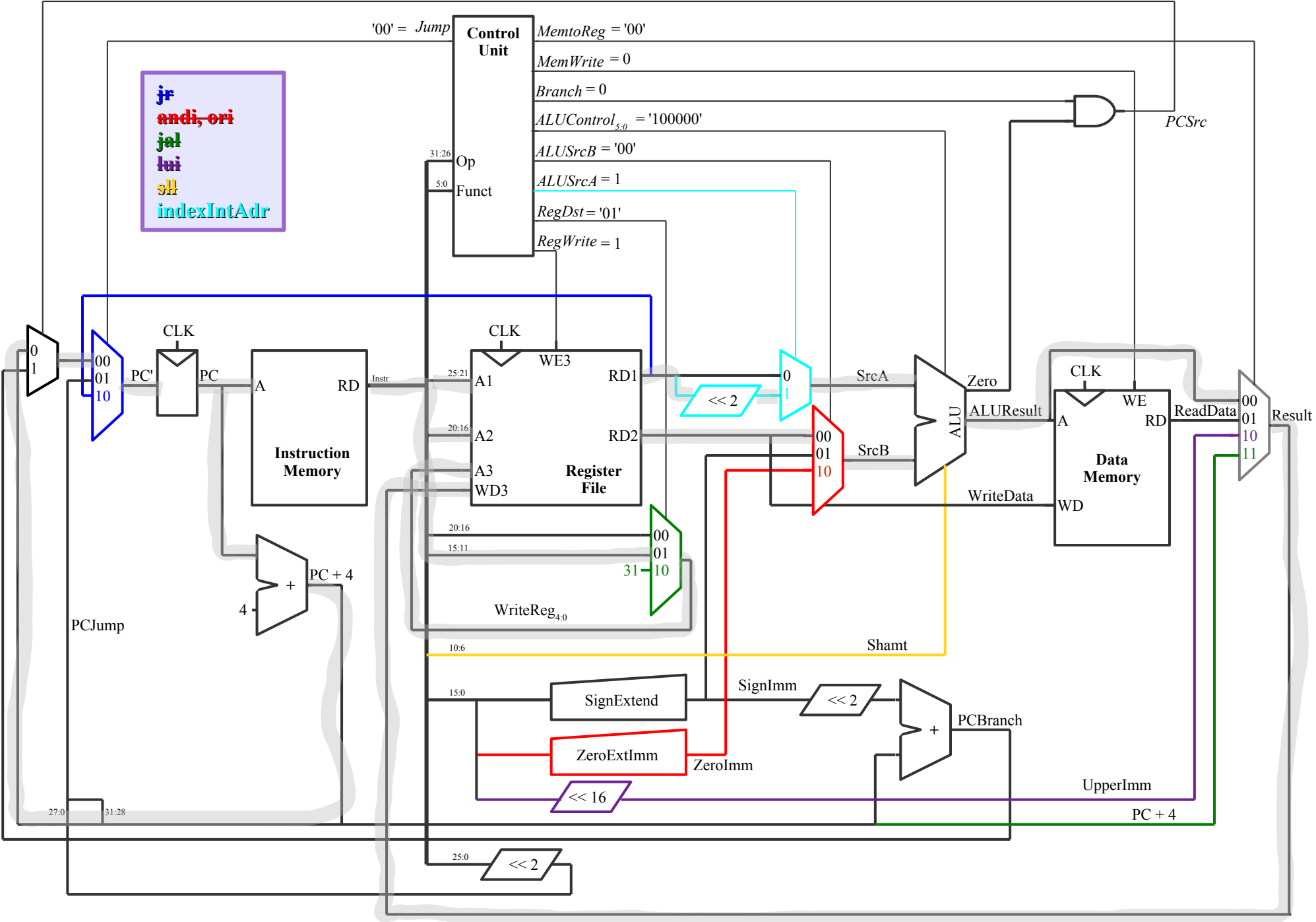




indexIntAdr : [rd] = [rs]*4 + [rt]

R' :

opcode	rs	rt	rd	shamt	funct
31	26 25	21 20	16 15	11 10	6 5 0



Instr	Op _{31:26}	F _{5:0}	RegWrite	RegDst	AluSrcA	AluSrcB	AluCtrl	Branch	MemWrite	MemtoReg	Jump
R-type	000000	Voir tab	1	01	0	00	Voir Tab	0	0	00	00
lw	100011	100000	1	00	0	01	100000	0	0	01	00
sw	101011	100000	0	XX	0	01	100000	0	1	XX	00
beq	000100	100010	0	XX	0	00	100010	1	0	XX	00
j	000010	XXXXXX	0	XX	X	XX	XXXXXX	X	0	XX	01
addi	001000	100000	1	00	0	01	100000	0	0	00	00
jr	000000	001000	0	XX	X	XX	XXXXXX	X	0	XX	10
andi	001100	XXXXXX	1	00	0	10	100100	0	0	00	00
ori	001101	XXXXXX	1	00	0	10	100101	0	0	00	00
jal	000011	XXXXXX	1	10	X	XX	XXXXXX	X	0	11	01
lui	001111	XXXXXX	1	00	X	XX	XXXXXX	0	0	10	00
sll	000000	000000	1	01	X	00	000000	0	0	00	00
sltu	000000	101011	1	01	0	00	101011	0	0	00	00
slt	000000	101010	1	01	0	00	101010	0	0	00	00
indexIntAdr	010001	XXXXXX	1	01	1	00	100000	0	0	00	00