

Instr	Op _{5:0}	RegWrite	RegDst	AluSrc	Branch	MemWrite	MemtoReg	ALUControl _{2:0}	Jump	index2Adr	jal	
R-type	000000	1	01	0	0	0	0	Diff.	0	0	0	
lw	100011	1	00	1	0	0	1	010 (add)	0	0	0	
sw	101011	0	1X	1	0	1	X	010 (add)	0	0	0	
beq	000100	0	1X	0	1	0	X	110 (sub)	0	0	X	
j	000010	0	1X	X	X	0	X	XXX	1	X	X	
addi	001000	1	00	1	0	0	0	010 (add)	0	0	0	
index2Adr	000 000	1	01	0	0	0	0	010 (add)	0	1	0	
jal	000011	1	10	X	X	0	X	XXX	1	X	1	

index2Adr
jal

$$R[rd] = R[rs] * 4 + R[rt]$$

$$R[\$ra] = PC + 4, PC = JTA$$

