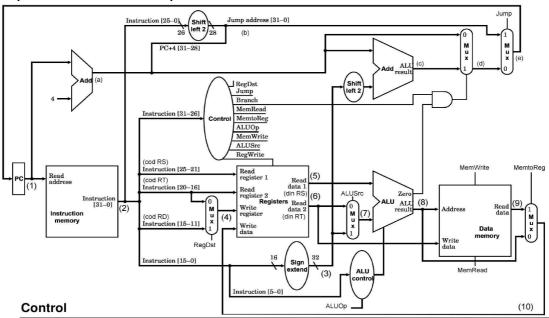
Implementarea cu un ciclu pe instructiune



	Instruction	RegDst	ALUSrc	Memto- Reg	Reg Write	Mem Read	Mem Write	Branch	Jump	ALUOp1	ALUp0
0x0	R-format	1	0	0	1	0	0	0	0	1	0
0x23	lw	0	1	1	1	1	0	0	0	0	0
0x2b		X	1	Χ	0	0	1	0	0	0	0
0x4	beq	Х	0	Х	0	0	0	1	0	0	1
0x2	j	Х	Х	Х	0	0	0	0	1	Х	Х

ALU Contro	
	ı
	ı

31-26 25----0

Registri: \$t0 (8) - \$t7 (15)

		0 0									
		ALU	JOp		Ca	mp f	unct	ie		Operatie	
		ALUOp ₁	ALUOp ₀	F5	F4	F3	F2	F1	F0		
lν	v/sw	0	0	Х	X	Х	Х	X	Х	010	(+)
	beq	X	1	Х	X	Х	Х	X	Х	110	(-)
	add	1	Х	Х	X	0	0	0	0	010	(+)
	sub	1	Х	Х	Х	0	0	1	0	110	(-)
	and	1	Х	Х	Х	0	1	0	0	000	(and)
R-	or	1	Х	Х	Х	0	1	0	1	001	(or)
forma	alsit	1	Х	Х	X	1	0	1	0	111	(slt)

ALU Operation

Function
and
or
add
subtract
set on less than