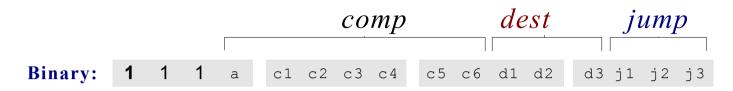
A-instruction

C-instruction

Symbolic: dest = comp; jump // Either the dest or jump fields may be empty.



(when a=0)	l .		_		_		(when a=1)	d1	d2	d3	Mnemonic	Destination	ı (where to sto	re the computed value)
comp	c1	c2	с3	c4	c5	c6	comp	0	0	0	null	The value i	s not stored an	ywhere
0	1	0	1	0	1	0		0	0	1	м	Memory[A] (memory register addressed by A)		
1	1	1	1	1	1	1		0	1	0	D	D register		
-1	1	1	1	0	1	0		0	1	1	MD	Memory[A] and D register		
D	0	0	1	1	0	0		1 0 0 A Aregister						
A	1	1	0	0	0	0	M	1 0 1		AM	A register and Memory[A]			
!D	0	0	1	1	0	1								
! A !	1	1	0	0	0	1	! M	1	1	0	AD	A register and D register		
-D	0	0	1	1	1	1		1 1 1 AMD		AMD	A register, Memory[A], and D register			
-A	1	1	0	0	1	1	-м					•		
D+1	0	1	1	1	1	1			j1		j2	Mnemonic Effect	Effect	
A+1	1	1	0	1	1	1	M+1	_(0	(out < 0)		(out = 0)	(out > 0)		
D-1	0	0	1	1	1	0			0		0	0	null	No jump
A-1	1	1	0	0	1	0	M-1		0		0	1	JGT	If $out > 0$ jump
D+A	0	0	0	0	1	0	D+M		0		1	0	JEQ	If $out = 0$ jump
D-A	0	1	o	0	1	1	D-M		0		1	1	JGE	If $out \ge 0$ jump
A-D	0	0	0	1	1	1	M-D		1		0	0	JLT	If out <0 jump
D&A	0	0	0	0	0	0	D&M		1		0	1	JNE	If $out \neq 0$ jump
DIA	o	1	0	1	0	1	DIM		1		1	0	JLE	If out ≤0 jump
	ı -						- **		1		1	1	JMP	Jump