

Operation	Result	Op Code
FLG	FLAG	0000
ADD	$C=A+B$	0001+0
SUB	$C=A-B$	0001+1
INC	$C=A+1$	0001+0, B=0001
DEC	$C=A-1$	0001+1, B=0001
SHL	$C=A<<1$	0010
NOT	$C=!A$	0011
AND	$C=A\&B$	0100
ORR	$C=A B$	0101
XOR	$C=A^B$	0110
SET	$r=A$	0111
SRT	$r1=r2$	1000
JMP	jump to address in instruction reg	1001
GOF	goto adress in instruction reg IF FLAG BIT = 1	1010
GOT	goto adress in instruction reg	1011
RET	return to jmp loc	1100
LBL	set label	1101
BPZ	$C = A\&(1<<B)$	1110
		1111
FLAG:	E,C,N,G	
	$E = A==B$	
	$C = Cout, Bout$	
	$N = A==0$	
	$G = A>B$	