Lookup Table

Pre-defined Symbol	Number
SCREEN	16384
KBD	24576
R0 to R15	0 to 15
SP	0
LCL	1
ARG	2
THIS	3
THAT	4

User-defined Symbol	Number
(IF_TRUE)	7
(CONT)	9

1	@R0
2	D=M
3	@IF_TRUE
4	D;JGT
5	@CONT
6	0;JMP
	(IF_TRUE)
7	@R1
8	M=1
	(CONT)
9	

32768	16384	8192	4096	2048	1024	512	256	128	64	32	16	8	4	2	1
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
1	1	1	a	c1	c2	с3	c 4	c 5	c6	d1	d2	d3	j1	j2	ј3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
1	1	1	0	1	0	1	0	1	0	0	0	0	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1	1	1	0	1	1	1	1	1	1	0	0	1	0	0	0

32766	10364	0192	4096	2048	1024	312	256	128	64	32	1.0	•	4	2	1
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
1	1	1	a	c1	c2	c 3	с4	c5	c 6	d1	d2	d3	j1	j2	ј3

32768 16384 8192 4096 2048 1024 512 256 128 64