



	LD	G0, M
	LD	G1, ZERO
LOOP	CMP	G0, N
	JM	STOP
	SUB	G0, N
	ADD	G1, ONE
	JMP	LOOP
STOP	ST	G1, K
	ST	G0, L
	HALT	
M	DC	100
N	DC	10
ONE	DC	1
ZERO	DC	0
K	DS	1
L	DS	1