



	LD	G0, N
	LD	G1, ONE
	LD	G2, ZERO
LOOP	ST	G1, TMP
	ADD	G2, TMP
	ADD	G1, ONE
	SUB	G0, ONE
	JZ	STOP
	JM	LOOP
STOP	ST	G2, SUM
	HALT	
N	DC	10
ONE	DC	1
ZERO	DC	0
TMP	DS	1
SUM	DS	1