



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