

.set INICIO	0X000	000 00 00 00 00 00
.set DADOS	0x100	100 00 00 00 00 01
.set SIZE	10	0F1 00 00 00 00 10
.set PRIMENUMBERS	0	0F2 00 00 00 00 00
.set CONTER	10	0F3 00 00 00 00 10
.set CONSTANT	1	0F4 00 00 00 00 01
.set AUX	0x1F1	1F1 00 00 00 00 00
.set AUX2	2	1F2 00 00 00 00 02
.set RESULT	0x12C	12C 00 00 00 00 00

.org INICIO

laco:

LOAD M(0x10A); DIV M(CONTER);	0x000	01 10 A0 C0 F3
STOR M(AUX); LOAD M(AUX);	0x001	21 1F 20 11 F1
MUL M(CONSTANT); JUMP+M(0x006, 20:39);	0x002	0B 0F 41 00 06
LOAD M(AUX2); SUB M(CONSTANT);	0x003	01 1F 20 60 F4
STOR M(AUX2); JUMB +M(0x006, 20:39);	0x004	21 1F 21 00 06
LOAD M(PRIMENUMBERS) ; ADD M(CONSTANT);	0x005	01 0F 20 50 F4
STOR M(PRIMENUMBERS); LOAD M(CONTER)	0x006	21 0F 20 10 F3
SUB M(CONSTANT); STOR M (CONTER);	0x007	06 0F 42 10 F4
LOAD M(0x10A); SUBM(CONSTANT)	0x008	01 10 A0 60 F4
STOR M(0x10A); LOAD M(CONTER)	0x009	21 10 A0 10 F3
JUMP +M(000,0:19);	0x00A	0F 00 00 10 F2

.align 1

LOAD M (PRIMENUMBERS); STOR M(RESULT);	0x00B	21 10 C0 00 00
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.org DADOS

vetor:

.wfill TAM, 0x1;