```
ALLOC 4
READ
STORE 0
READ
STORE 1
CONST 0
STORE 2
LOAD 0
LOAD 1
LESS
FJUMP A
LOAD 1
LOAD 0
ADD
STORE 1
LOAD 1
LOAD 0
SUB
STORE 0
LOAD 1
LOAD 0
SUB
STORE 1
A:
B:
LOAD 1
LOAD 0
LESS
FJUMP C
CONST 0
STORE 2
CONST 1
STORE 3
LOAD 1
WRITE
D
LOAD 3
LOAD 1
LESS
FJUMP E
LOAD 1
LOAD 3
MOD
CONST 0
EQ
FJUMP F
LOAD 2
CONST 1
ADD
STORE 2
F:
```

```
LOAD 3
CONST 1
ADD
STORE 3
JUMP D
E:
LOAD 2
WRITE
LOAD 1
CONST 1
ADD
STORE 1
JUMP B
C:
HALT
```