```
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
DIV
STORE 1
JUMP B
A:
D:
LOAD 3
LOAD 1
LEQ
FJUMP C
LOAD 1
LOAD 3
MOD
CONST 0
EQ
FJUMP E
LOAD 2
CONST 1
ADD
STORE 2
LOAD 3
CONST 1
ADD
STORE 3
JUMP F
E:
LOAD 3
CONST 5
MUL
STORE 3
F:
```

```
C:
B:
LOAD 2
WRITE
HALT
```