First 10 Fibonacci numbers to port 255
[0,1,1,2,3,5,8,13,21,34]

```
            JMP         start       ; jump over the data area
sum:        0                       ; store the sum value
current:    0                       ; store the current value
next:       1                       ; store the next value
limit:      34                       ; compute first 10 fibonacci numbers
start:      LOAD        current     ; load current into accumulator
            WRITE       255         ; write to port 255
            ADD         next        ; add next to current
            STORE       sum         ; store accumulator (current) in sum
            LOAD        next        ; load next into accumulator
            STORE       current     ; store accumulator (next) in current
            LOAD        sum         ; load sum into accumulator
            STORE       next        ; store accumulator (sum) in next
            SUB          limit       ; if not yet past limit, keep going
            JLZ         start       ; if not past limit, jump to
beginning
end:        JUMP        end         ; stops the program
```

Output "Hello, world" to port 888, assuming UTF-32 encoding

```
            JMP         start
.
.
.
            WRITE       888
.
.
.
end:        JUMP        end
```

```
H     0x00000048
e     0x00000065
l     0x0000006C
l     0x0000006C
o     0x0000006F
,     0x0000002C
      0x00000020
w     0x00000077
o     0x0000006F
```

```
r     0x00000072
l     0x0000006C
d     0x00000064
```