Fox ne on Cithub

(https://github.com/Schweigi/assembler-simulator)

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Code (Instruction Set (./instruction-set.html))
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; Simple example
; Writes Hello World to the output
        JMP start
hello: DB "ERŠ 3CE in 4CE!"; Variable
       DB 0 ; String terminator
start:
        MOV C, hello ; Point to var
MOV D, 232 ; Point to output
        CALL print
        HLT
                   ; Stop execution
                         ; print(C:*from, D:*to)
print:
        PUSH A
        PUSH B
        MOV B, 0
.loop:
        MOV A, [C] ; Get char from var
        MOV [D], A ; Write to output
        INC C
        INC D
        CMP B, [C] ; Check if end
JNZ .loop ; jump if not
        POP B
        POP A
        RET
```

Assemble

```
Output
```

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	A		В		С		D			ΙP			SP			Z		С	F
(90		00		00		00			00			E7			FALSE	F	ALSE	FALSE
RAI	И																		
1F	12	45	52	160	20	33	43	45	20	69	6E	20	34	43	45				
21	00	06	02	02	06	03	E8	38	1B	00	32	00	32	01	06				
01	00	03	00	02	05	03	00	12	02	12	03	15	01	02	27				
22	36	01	36	00	39	00	00	00	00	00	00	00	00	00	00				
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Labels			
Name	Address	Value	
.loop	22	03	
hello	02	45 ('E')	
print	1B	32 ('2')	
start	12	06	

by Marco Schweighauser (2015) | MIT License | Blog (https://www.mschweighauser.com/make-your-own-assembler-simulator-in-javascript-part1/)

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