



Registers		Flag
A	00	S 0
BC	00 00	Z 0
DE	00 00	AC 0
HL	00 00	P 0
PSW	00 00	C 0
PC	00 00	
SP	00 00	
Int-Reg	00	

Decimal - Hex Conversion

Decimal	Hex
<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="button" value="To Hex"/>	<input type="button" value="To Dec"/>

I/O Ports

<input type="text" value="0"/>	<input type="text" value="-"/>	<input type="text" value="+"/>	<input type="text" value="0"/>
<input type="button" value="Update Port Value"/>			

Memory

<input type="text" value="0"/>	<input type="text" value="-"/>	<input type="text" value="+"/>	<input type="text" value="0"/>
<input type="button" value="Update Memory"/>			

Load me at

```
1 LXI H, 8500H
2 MOV B, H
3 MVI D, 01H
4 CALL MULTIPLY
5 multiplication
6 DCR B
7 JNZ FACTORIAL
8 INX H
9 MOV M, D
10 HLT
11 MOV E, B
12 MVI A, 00H
13 result
14 ADD D
15 DCR E
16 JNZ MULTIPLYLOOP
17 MOV D, A
18 RET
19
```