



Registers

A	78	S	0
BC	00 3C	Z	1
DE	78 00	AC	0
HL	1F 73	P	1
PSW	00 00	C	0
PC	42 10		
SP	FF FF		
nt-Reg	00		

Flag

Decimal - Hex Conversion

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

I/O Ports

0	-	+	00
<input type="button" value="Update Port Value"/>			

Memory

0	-	+	00
<input type="button" value="Update Memory"/>			

Load me at

```
1 LXI H,8050
2 MOV B,M
3 MVI D,01H
4 FACT: CALL MUL
5 DCR B
6 JNZ FACT
7 INX H
8 MOV M,D
9 HLT
10 MUL: MOV E,B
11 XRA A
12 ML: ADD D
13 DCR E
14 JNZ ML
15 MOV D,A
16 RET
17 HLT
18
```

Data Stack KeyPad Memory I/O Ports

Start 8050

OK

Address (Hex)	Address	Data
1F72	8050	5
1F73	8051	120
1F74	8052	0
1F75	8053	0
1F76	8054	0
1F77	8055	0
1F78	8056	0
1F79	8057	0
1F7A	8058	0
1F7B	8059	0
1F7C	8060	0
1F7D	8061	0
1F7E	8062	0
1F7F	8063	0

Line No Assembler Message

0 Program assembled successfully