



Registers

A	0B	
BC	00	00
DE	00	00
HL	00	00
PSW	00	00
PC	42	13
SP	FF	FF
Int-Reg	00	

Flag

S	0
Z	0
AC	1
P	0
C	0

Load me at

```
1 LDA 1100
2 ANI 01
3 JZ LOOP1
4 MVI A,11
5 JMP LOOP2
6 LOOP1: MVI A,22
7 LOOP2: STA 1101
8 HLT
```

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

Memory

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

Data Stack KeyPad Memory I/O Ports

Start

OK

Address (Hex)	Address	Data
044C	1100	99
044D	1101	11
044E	1102	0
044F	1103	0
0450	1104	0
0451	1105	0
0452	1106	0
0453	1107	0
0454	1108	0
0455	1109	0
0456	1110	0
0457	1111	0

Line No Assembler Message

0 Program assembled successfully

Simulator: Idle