



## Registers

A	50	
BC	5A	00
DE	00	00
HL	1F	73
PSW	00	00
PC	42	0F
SP	FF	FF
Int-Reg	00	

## Flag

S	1
Z	0
AC	0
P	1
C	1

## Load me at

```

1 LXI B,8050
2 MOV B,M
3 INX H
4 MOV A,M
5 CMP B
6 JC STORE
7 MOV A,B
8 STORE: STA 8052
9 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 8050

OK

Address (Hex)	Address	Data
1F72	8050	90
1F73	8051	80
1F74	8052	80
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

Line No Assembler Message

0 Program assembled successfully