



Registers		Flag	
A	02	S	1
BC	04 02	Z	0
DE	00 00	AC	0
HL	04 4D	P	1
PSW	00 00	C	1
PC	42 19		
SP	FF FF		
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="00"/>
<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="00"/>
<input type="button" value="Update Memory"/>			



Load me at

```
1  LHLD 2050
2  SPHL
3  LHLD 2052
4  XCHG
5  LXI H, 0000H
6  LXI B, 0000H
7  DAD SP
8  JNC 2013
9  INX B
10 DCX D
11 MOV A, E
12 ORA D
13 JNZ 200E
14 SHLD 2054
15 MOV L, C
16 MOV H, B
17 SHLD 2056
18 HLT
```

Data Stack KeyPad Memory I/O Ports

Address	Variable	Value	Value (Decimal)
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Address	Variable	Value	Value (Decimal)

Line No Assembler Message

0	Program assembled successfully
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