



Registers	Flag
06	S 0
06 00	Z 1
06 00	AC 0
0B ED	P 1
00 00	C 1
42 1B	
FF FF	
eg 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="00"/>
<input type="button" value="Update Port Value"/>	

### Memory

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

Load me at

```

1 MVI D,00
2 MVI A,00
3 LXI H,3052
4 MOV B,,M
5 INX H
6 MOV C,M
7 LOOP: ADD B
8 JNC NEXT
9 INR D
10 NEXT: DCR C
11 JNZ LOOP
12 STA 3054
13 MOV A,D
14 STA 3056
15
16 HLT
    
```

Start

Address (Hex)	Address	Data
0BEE	3054	0
0BEF	3055	0
0BF0	3056	6
0BF1	3057	0
0BF2	3058	0
0BF3	3059	0
0BF4	3060	0
0BF5	3061	0
0BF6	3062	0
0BF7	3063	0
0BF8	3064	0
0BF9	3065	0

### Line No Assembler Message

0 Program assembled successfully

Simulator: Idle