

02-8 bit addition using 2 inputs

Program

MVI B,08H

MVI C,06H

MOV A,B


ADD C

MOV D,A

HLT

Output

Registers			Flag		Load me at
A	0E		S	0	
BC	08	06	Z	0	1 MVI B,08H
DE	0E	00	AC	0	2 MVI C,06H
HL	00	00	P	0	3 MOV A,B
PSW	00	00	C	0	4 ADD C
PC	42	08			5 MOV D,A
SP	FF	FF			6 HLT
Int-Reg	00				

 **Decimal - Hex Conversion**

Decimal	Hex
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