

05-8 bit multiplication

Program

```
MVI A,00H  
MVI B,03H  
MVI C,02H  
CLASS: ADD B  
DCR C  
JNZ CLASS  
MOV D,A  
HLT
```

Output

Registers			Flag		Load me at
A	06		S	0	
BC	03	00	Z	1	1 MVI A, 00H
DE	06	00	AC	0	2 MVI B, 03H
HL	00	00	P	1	3 MVI C, 02H
PSW	00	00	C	0	4 CLASS: ADD B
PC	42	0D			5 DCR C
SP	FF	FF			6 JNZ CLASS
Int-Reg	00				7 MOV D, A
					8 HLT

Decimal - Hex Conversion