

EXPERIMENT 1

DATE: 15.9.20

To add two hex numbers 10H and 1DH

CODE:

```
exp1.asm
1 ORG 00H
2 MOV A, #10H
3 ADD A, #1DH
4 END
```

OUTPUT:

Register	Value
Regs	
r0	0x00
r1	0x00
r2	0x00
r3	0x00
r4	0x00
r5	0x00
r6	0x00
r7	0x00
Sys	
a	0x2d
b	0x00
sp	0x07
sp_...	0x07
dptr	0x0000
PC \$	C:0x0004
states	2
sec	0.00000100
psw	0x00

Disassembly			
C:0x0000	7410	MOV	A, #0x10
3: ADD A, #1DH			
C:0x0002	241D	ADD	A, #0x1D
C:0x0004	00	NOP	
C:0x0005	00	NOP	
C:0x0006	00	NOP	
C:0x0007	00	NOP	
C:0x0008	00	NOP	
C:0x0009	00	NOP	