**2’s complement of a number**

**8-bit**

ORG OOH

MOV A,30H

CPL A

MOV 40H, A

ADD A, #01H

MOV 50H, A

END

**16- bit number**

ORG OOH

MOV 40H, #00H

MOV A, 32H

CPL A

MOV 42H, A

ADD A, #01

JNC LOOP

INC R0

LOOP: MOV 52H, A

MOV A, 31H

CPL A

MOV 41H, A

ADDC A, #00H

MOV 51H, A

MOV 40H, R0

END