

;We can complement the accumulator content by using instruction other than CMA How is that possible? Write a program to illustrate this.

MVI A,0A7H ; Say A has 0A7H initially

CMA

STA 0000H ; To Check

; Method 1

MVI A,0A7H ; Valu of A is repalced by CMA

MOV B,A ;B=A

MVI A,0FFH ;For A = FF

SUB B ; A = FF - B (Initial A)

STA 0001H ; Check in Location 0000H & 0001H

;Method 2

MVI A,0A7H

XRI 0FFH

STA 0002H ;Check in Location 0000H & 0001H & 0002H

HLT