## Using XRA only

```
LXI H, 8000H
MVI A, FFH
XRA M
MOV B, A
MVI A, FFH
INX H
XRA M
MOV C, A
INX B
MOV A, B
STA 8004H
MOV A, C
STA 8006H
HLT
```

Note:- carry generated when input is 00 00
is not reflected. This is exception
for above code

2's complement of 16 bit no. using CMA

```
        LXI  H, 8000H
        MVI  B, 00H        [to store carry
        MOV  A, M
        CMA
        INR  A
        STA     8002H
        JNC     Label
        INR  B
Label   LXI  H, 8001H
        MOV  A, M
        CMA
        ADD  B
        STA  8003H
        HLT
```