

;Write a program to set zero and parity flags and reset other flags.

MVI A,80H

ADI 78H ;Sets S flag

MVI A,70H

ADI 00H ;Resets S flag

MVI A,08H

ADI 08H ; Set AC

MVI A,08H

ADI 00H ; Reset AC

STC ;Set C flag

CMC ;Reset C flag

MVI A,01H

ADI 01H ;Reset P flag

MVI A,01H

ADI 10H ;Set P flag

MVI A,00H

ADI 10H ;Reset Z flag

MVI A,00H

ADI 00H ;Set Z flag

HLT