**;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**