

**;Write a program that will count up from 00 to FF at port A. Be sure to use PCHL command.**

**MVI A,00H**

**L1: OUT 40H**

**CPI 0FFH**

**INR A**

**JNC L2**

**L2: JZ L3**

**JMP L1**

**;Output is at O/P port 40H**

**L3: HLT**