**;Write a program at memory location FE00H, which resets all memory starting from 8000H to FE00H. Modify the above program to set 01H to all memory location.**

**LXI B,8000H**

**L1: MVI A,00H**

**STAX B**

**INX B**

**MOV A,B**

**CPI 0FEH**

**JNC L2**

**JMP L1**

**L2: JZ L3**

**JMP L1**

**L3: MOV A,C**

**CPI 00H**

**JNC L4**

**JMP L1**

**L4: JNZ L5**

**JMP L1**

**L5: HLT**

**;Write a program at memory location FE00H, which resets all memory starting from 8000H to FE00H. Modify the above program to set 01H to all memory location.**

**LXI B,8000H**

**L1: MVI A,01H**

**STAX B**

**INX B**

**MOV A,B**

**CPI 0FEH**

**JNC L2**

**JMP L1**

**L2: JZ L3**

**JMP L1**

**L3: MOV A,C**

**CPI 00H**

**JNC L4**

**JMP L1**

**L4: JNZ L5**

**JMP L1**

**L5: HLT**