**;Write a program that will check whether the bit D6 of a number stored at 8123 is 0 and its bit D3 is 1. If the condition satisfies display the number.**

**MVI A,05BH ;Put your number here**

**MOV B,A**

**STA 8123H**

**MVI C,00H**

**RLC;1**

**RLC;2**

**JC L1**

**HLT**

**L1: RLC ;After 2 rotation D3 is now at D5**

**RLC**

**RLC**

**JC L2**

**HLT**

**L2: MOV A,B**

**OUT 40H**

**HLT**