

**;Change the program in assignment 8 to display 80H if the bit is 1 else nothing.**

**MVI A,80H**

**STC**

**CMC**

**RAL ;D5**

**RAL ;Rotating 3 times so that it comes at palce of carry**

**RAL**

**JNC IS\_LOW ;If D5 is low carry is low**

**MVI A,01H**

**OUT 40H**

**IS\_LOW: HLT**

**HLT**