

;Write a program to rotate the data 3C in port A. Call a delay subroutine for the delaying.

MVI B,3CH

LOOP: MOV A,B

RLC

OUT 40H

CC L1

MOV B,A

L2: DCR D

MOV A,D

CPI 00H

JNC L3

L1: INR C

RET

L3: JZ L4

JNZ LOOP

L4: HLT