**SEVEN SEGMENT DISPLAY**

$MOD51

ORG 0000H

MOV P1,#00H

MAIN:

MOV P1,#0C0H

ACALL DELAY

MOV P1,#0F9H

ACALL DELAY

MOV P1,#0A4H

ACALL DELAY

MOV P1,#0B0H

ACALL DELAY

MOV P1,#99H

ACALL DELAY

MOV P1,#92H

ACALL DELAY

MOV P1,#82H

ACALL DELAY

MOV P1,#0F8H

ACALL DELAY

MOV P1,#80H

ACALL DELAY

MOV P1,#98H

ACALL DELAY

MOV P1,#88H

ACALL DELAY

MOV P1,#80H

ACALL DELAY

MOV P1,#OC6H

ACALL DELAY

MOV P1,#0C0H

ACALL DELAY

MOV P1,#87H

ACALL DELAY

MOV P1,#8EH

ACALL DELAY

SJMP MAIN

DELAY:

MOV R7,#71

HERE:MOV R6,#255

HERE1:MOV R5,#255

AGAIN:DJNZ R5, AGAIN

DJNZ R6,HERE1

DJNZ R7,HERE

RET

SJMP MAIN

END