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1 ;Subject - Microprocessor
2 ;Expt No. 12 - Interfacing Seven Segment Display and Program
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4 ;Batch- S12
5 ;Roll No. - 43
6 ;Date - 08/04/2024
7
8 CODE      SEGMENT PUBLIC 'CODE'
9           ASSUME CS:CODE
10
11 START:
12         MOV DX, 7FH ;INITIALISE 8255
13         MOV AL, 80H
14         OUT DX, AX
15
16         MOV DX, 00H ;DISPLAY DIGIT 0
17         MOV AL, 3FH
18         OUT DX, AL
19 ENDLESS:
20         JMP ENDLESS
21 CODE     ENDS
22         END START
23
```

