**PRACTICAL – 30**

**AIM:** Write an assembly language program to Display Digits 0 1 2 3 4 5 6 7 8 9 A B C D E F on port 01H with 500ms of delay

**CODE:**

org 100h

mov dx,'0'

mov bx,3Ah

rep:

mov ah, 6

int 21h

mov cx,70h

d:

dec cx

jnz d

inc dl

cmp dx,bx

jnz rep

mov dl,'A'

mov bl,47h

rep2:

mov ah, 6

int 21h

mov cx,70h

d2:

dec cx

jnz d2

inc dl

cmp dl,bl

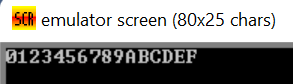
jnz rep2

jz exit

exit:

ret

**OUTPUT:**

****

**CONCLUSION:** In this Practical we learnt assembly language program to Display Digits