Program 7:-

Read the current time from the system &
Display it in the standard format on
the screen   Name :- Yogesh.T
                              USN :- 1BM19CS188

.model small

Display macro msg
    .lea dx, msg
    Mov ah, 09H
    int 21h
endm

.Data
Timestr db 020 H dup (?)
msg1 dB "Current time :: $"

.Code
Start : Mov Ax, @ Data
         mov ds, ax
; Clear the screen
.   mov ah, 00H
         mov al, 03H
         int 10H
; Set a perticular location for dynamic clock

A6:   MOV BH, 00h
       mov dh, 01h
       mov dl, 01h
       mov ah, 02h
       int 10H

       mov si, offset Timestr
       mov ah, 2ch
       int 21h

```asm
mov al, ch
aam
add ax, 3030H
mov [SI], ah
inc SI
mov [SI], al
inc SI
mov [SI], Byte ptr ';'
inc SI

Mov al, cl
aam
add ax, 3030h
mov [SI], ah
inc SI
mov [SI], al
inc SI
Mov [SI], BYTE PTR ':'
inc SI

mov al, dh
aam
add ax, 3030H
mov [SI], ah
inc SI
mov [SI], al
inc SI
mov [SI], BYTE PTR 'S'
Display msg1

mov ah, 0Bh
int 21h
cmp al, 00H
je ag
```

Final : max ah, 4ch
        int 21h
end start.