MP Lab - 6

Program - 2

```
.model small
display macro msg
        lea dx, msg
        mov ah, 09h
        int 21h
endm
.data
timestr db 020h dup(?)
msg1 db "current time :: $"
.code
start: mov ax, @data
      mov ds, ax
      mov ah, 00h
      mov al, 03h
      int 10h
ag: mov bh, 00h
    mov dh, 01h
    mov ds, 01h
    mov ah, 02h
    int 10h
  mov si, offset timestr    ; lea si, timestr
  mov al, 2ch
  int 21h
  mov al, ch      ; ch- hour, cl= minutes, dh = second
  aam
  add ax, 3030h
  mov [si], ah   ; timestr[00]
  inc si
  mov [si], al   ; timestr[01]
  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], al
inc si
mov [si], al
inc si
mov [si], byte ptr '$'
display msg1
display timestr
mov ah, 0bh
int 21h
cmp al, 00h
je ag
final: mov ah, 4ch
int 21h
end
```

———————— X ————————