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C:\MASM\TIME.ASM

```asm
.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
```

F1=Help   Line:1   Col:1

```asm
ag:        mov bh, 00h
           mov dh, 01h
           mov dl, 01h
           mov ah, 02h
           int 10h

           mov si, offset timestr       ;lea si, timestr
           mov ah,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
```

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C:\MASM\TIME.ASM

```
        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 '$'


        display msg1
        display timestr
```

F1=Help   Line:64   Col:1

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C:\MASM\TIME.ASM

```asm
        mov al,dh
        aam
        add ax,3030h
        mov [si],ah
        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
```

current time :: 18:55:39