display system time

IBM19CS177; Valliska.M

```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

AG: 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 bh,00h
mov dh,ah
mov dl,


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
```

```asm
inc si
mov si, byte ptr '$'
display msg1
display timester
mov ah, 0bh
int 21h
cmp al, 00h
je ag
final : MOV AH, 4CH
        INT   21H
END START
```