# System time

```
· model small
  disp  macro msg
  lea   dx , msg
  mov   AH, 09H
  Int   21H
  End m
  ·data
  Time DB 20 H DOP (?)
  msg 1 0DH, 0AH, "current Time :: $"

  ·code
  mov  Ar, @ data
  mov  DS, AX
  ; clear screen
  MOV  AH, 00H
  MOV  AL, 03H
  Int  10h
  AG :       mov   BH, 00h
             mov   dh, 01h
             mov   De, 01h
             mov   ah, 02h
             Int   10h
             lea   SI, Time
             mov   ah, 2Ch
             Int   21h

  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, 3030 h
mov  [SI], AH
Inc  SI
mov  [SI], AL
Inc  SI
mov  [SI], Byte ptr ':'
Inc SI


mov  AL, DH
AAM
ADD  AX, 3030 h
mov  [SI], AH
Inc SI
mov  [SI], AL
Inc  SI
mov  [SI], Byte ptr 'H'


Disp msg 2
Disp  Time


mov   AH,  0BH
Int  21H
cmp     AL, 00H
JE   AG
mov   AH, 4CH
Int  21h
```