

Read time and display

· model small

```
display macro msg
    lea dx, msg
    mov ah, 09h
    int 21h
end m
```

· data

```
times1 db 020h dup(1)
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 times1
       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, 3030h
mov (si), ah
inc si
mov (si), al
inc si
```

~~mov al, 04h~~

~~aam~~

~~add ax, 3030h~~

~~mov (si), ah~~

~~mov (si), byte ptr 'p'~~

~~inc si~~

~~mov al, cl~~

~~aam~~

add ax, 3030h

mov (si), ah

inc si

mov (si), al

inc si

mov (si), byte ptr 'p'

display msg2

display timer1

cmh al, 00h
je AH

final : mov ah, 4ch
int 21h

end start