

```

display macro arg
    mov dx,offset arg
    mov ah,09h
    int 21h
endm
print macro arg1
    local l1,l2
    mov cx,0000h
    mov ax,arg1
    mov bx,0ah
l1:mov dx,0000h
    div bx
    push dx
    inc cx
    cmp ax,0000h
    jnz l1
l2:pop dx
    add dx,30h
    mov ah,02h
    int 21h
    loop l2
endm
assume cs:code,ds:data

data segment
    str db 0ah,0dh,"Date=$"
    str1 db "-$"
    str2 db 0ah,0dh,"Time=$"
    year dw ?
    month db ?
    day db ?
    princ dw ?
    hour db ?
    minute db ?
    second db ?
data ends

code segment
start:  mov ax,data
        mov ds,ax
        mov ah,2ah
        int 21h
        mov year,cx
        mov month,dh
        mov day,dl
        display str
        mov bl,day
        mov bh,00h
        print bx
        display str1
        mov bl,month
        mov bh,00h
        print bx
        display str1
        mov bx,year
        print bx

        mov ah,2ch
        int 21h

```

```
    mov hour,ch
    mov minute,cl
    mov second,dh
    display str2
    mov bl,hour
    mov bh,00h
    print bx
    display str1
    mov bl,minute
    mov bh,00h
    print bx
    display str1
    mov bl,second
    mov bh,00h
    print bx
    mov ah,4ch
    int 21h
code ends
end start
```

### Output

Date=5-9-2013  
Time=22-35-50