

12 章实验

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2020 年 3 月 19 日

chapter12

代码

```
assume cs:code
```

```
code segment
```

```
start:
```

```
    call transfer
```

```
    ;demo
```

```
    mov ax,1000h
```

```
    mov bh,1
```

```
    div bh
```

```
    mov ax,4c00h
```

```
    int 21h
```

```
;=====
```

```
transfer:
```

```
    ;mov d0
```

```
    mov ax,cs
```

```
    mov ds,ax
```

```
    mov si,offset do0
```

```
    mov ax,0
```

```
    mov es,ax
```

```
    mov di,200h
```

```
    mov cx,offset do0_end - offset do0
```

```
    cld
```

```
    rep movsb
```

```

        ;set int table
        mov ax,0
        mov es,ax
        mov word ptr es:[0*4],200h
        mov word ptr es:[0*4+2],0

        ret

;=====
do0:
        jmp short do0_bg
        db 'divide error!'
do0_bg:

        mov ax,cs
        mov ds,cx
        mov si,202h

        mov ax,0b800h
        mov es,ax
        mov di,160*12+2*34

        mov cx,13
s:
        mov al,ds:[si]
        mov ah,2
        mov es:[di],ax
        inc si
        add di,2
        loop s

        mov ax,4c00h

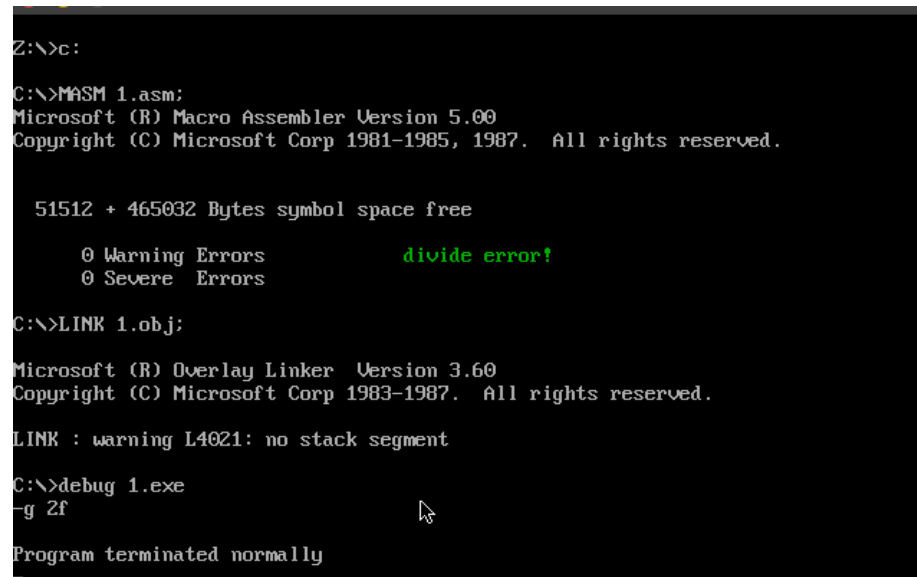
```

```
int 21h

do0_end:
    nop

code ends
end start
```

截屏



```
Z:\>c:
C:\>MASM 1.asm;
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51512 + 465032 Bytes symbol space free

0 Warning Errors      divide error!
0 Severe Errors

C:\>LINK 1.obj;
Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

LINK : warning L4021: no stack segment

C:\>debug 1.exe
-g 2f
Program terminated normally
```

图 1: