## Task 1:

.model small

.stack

.data

.code

mov ax,@data

mov ds,ax

mov ax,6

mov bx,2

mul bx

add ax,48

mov ah,02h

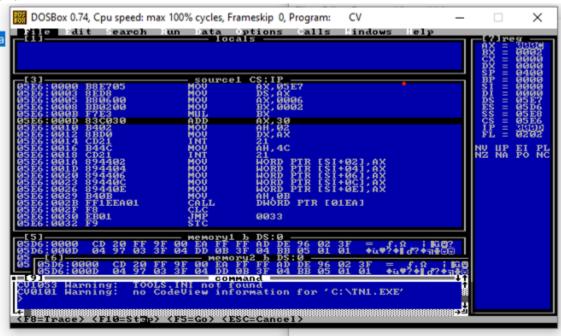
mov dx,ax

int 21h

mov ah,4ch

int 21h

end



## TASK2

.model small .stack

.data

......

Var1 dw 9

Var2 dw 2 r dw ? q dw ? .code mov ax,@data mov ds,ax mov dx,0

mov ax,Var1 mov bx,Var2 div bx

mov q,ax mov r,dx

mov dx,q add dx,48 mov ah,02h int 21h

mov dx,r add dx,48 mov ah,02h int 21h

mov ah,4ch int 21h end

```
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Assembling: tn2.asm

Microsoft (R) Segmented Executable Linker Version 5.31
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Object Modules [.obj]: tn2.obj
Run File [tn2.exe]: "tn2.exe"

List File [nul.map]: NUL

Libraries [.lib]:

Definitions File [nul.def]:

LINK: warning L4038: program has no starting address

C:\>tn2.exe

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C:\>_
```

## TASK3

.model small .stack .data

.code mov ah.01 int 21h mov bl.al mov ah,01 int 21h mov bh,al cmp bl,bh je 11 mov dl,'n' mov ah,02 int 21h jmp exit 11: mov dl,'y' mov ah,02 int 21h exit: mov ah,4ch int 21h

```
end
```

```
C:N>
C:N>
C:N>
C:N>tn3.exe
67n
C:N>tn3.exe
33y
C:N>
```