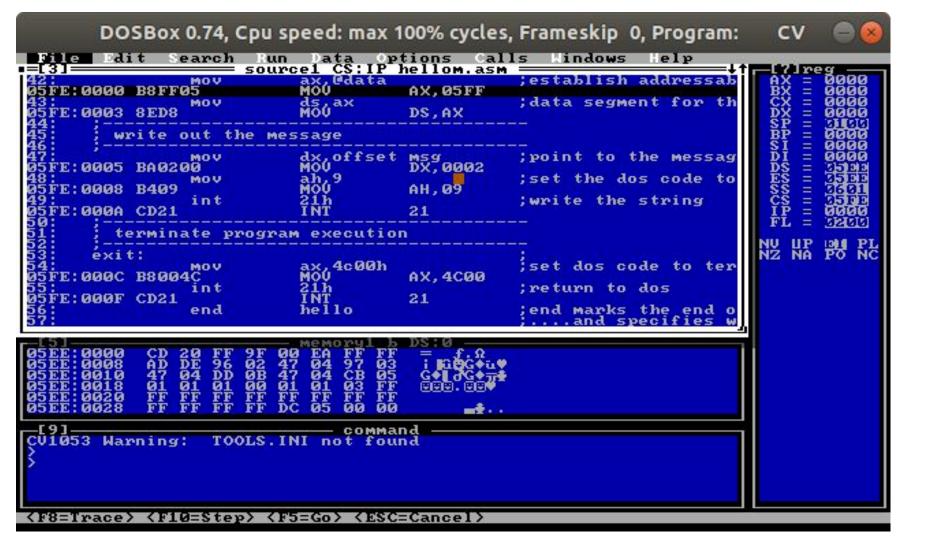
TOOLS assignment

CSC 236

Assure you can access development tools

- Create a source assembler file
- Access the assembler and linker
- Use the debugger

- Install MASM ... instructions on the web site
- Get the program hellom.asm
- Assemble and link hellom.asm
- Activate the CodeView debugger for hellom.exe



DOSBox 0.74, Cpu speed: max 100% cycles, Frameskip 0, Program: CV Edit Search Windows Help = source1 CS:IP hellom.asm establish addressab; AX, Ø5FF 5FE:0000 B8FF05 ;data segment for th ds, ax FE:0003 8ED8 MOU DS, AX write out the message dx.offset msg MOV DX,0002 ;point to the messag FE:0005 BA0200 ;set the dos code to AH, 09 int :write the string 5FE:000A CD21 ; terminate program execution exit: ax,4c00h set dos code to ter 05FE:000C B8004C AX,4C00 return to dos Ø5FE:000F CD21 end marks the end o end -370 - command -CV1053 Warning: $\langle F8=Trace \rangle \langle F10=Step \rangle \langle F5=Go \rangle \langle F3=S1 Fmt \rangle \langle Sh+F3=M1 Fmt \rangle$ DEC

DOSBox 0.74, Cpu speed: max 100% cycles, Frameskip 0, Program: indows = source1 CS:IP hellom.asm ax,@data ;establish addressab 5FE:0000 B8FF05 AX, Ø5FF ;data segment for th Mou ax MOV 5FE:0003 8ED8 DS, AX write out the message dx.offset Msg MOU DX,0002 ; point to the messag ;set the dos code to AH, Ø9 int ; write the string ; terminate program execution exit: AX 4c00h set dos code to ter MOV 05FE:000C B8004C AX, 4C00 return to dos end marks the end o end 00 6F 00 01 00 command CŪ1053 Warning:

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 - Go slowly and follow the instructions
 - Answer the questions in TOOLSSUB.TXT as you progress
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- Experiment with 3 utilities
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 - testkeys: for reporting keys pressed by the user
 - compfile : for comparing two files
 kind of like the diff utility we used in CSC 230