**Lab Report #3**

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**20P-0051**

In this lab we learn how to code in nasm or basically we run our first code in assembly language.

So, the format for writing the code is as follow:

[**Op-code**] [**Destination Operand**] [**Source operand**]

**For Example:**

mov ax , 5

mov bx , ax

add ax , 5 etc

Now here is our first code:

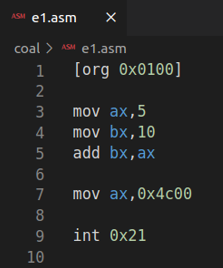
**English Version:**

mov 5 to ax

mov 10 to bx

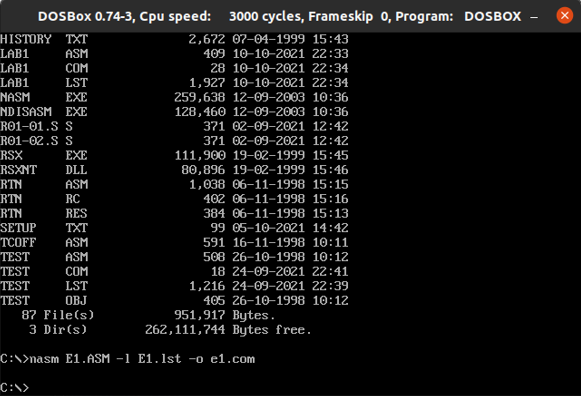
add ax to bx

**Assembly version:**



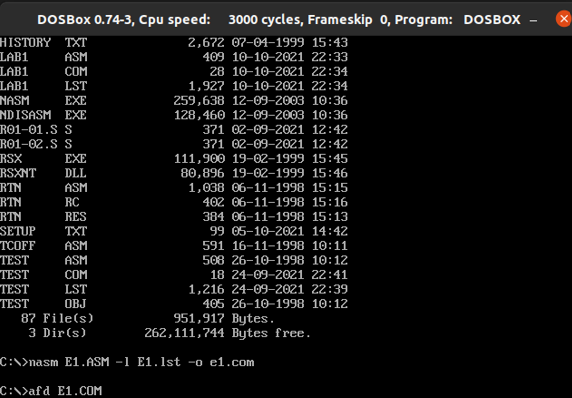
**Compile the code:**

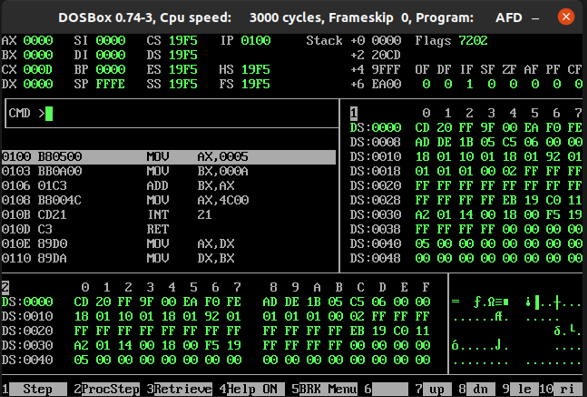
nasm e1.asm -l e1.lst -o e1.com

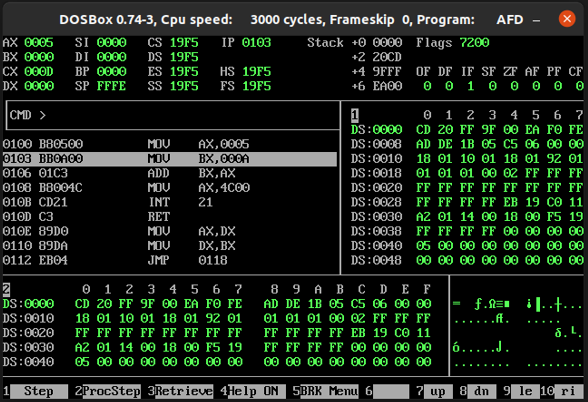


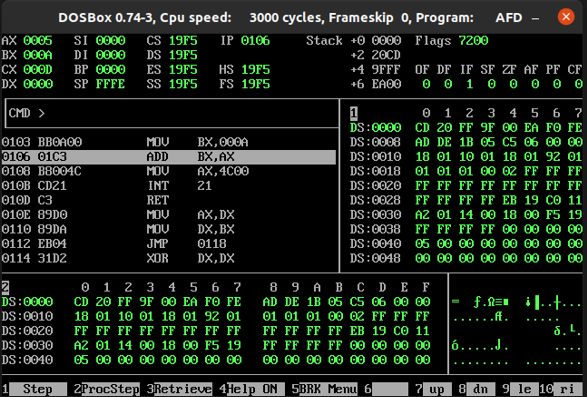
**Debugger:**

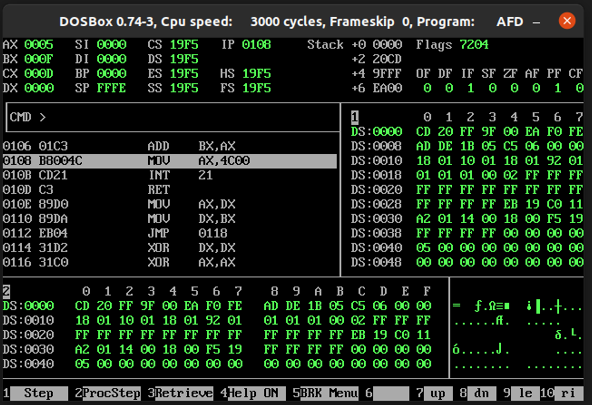
afd e1.com

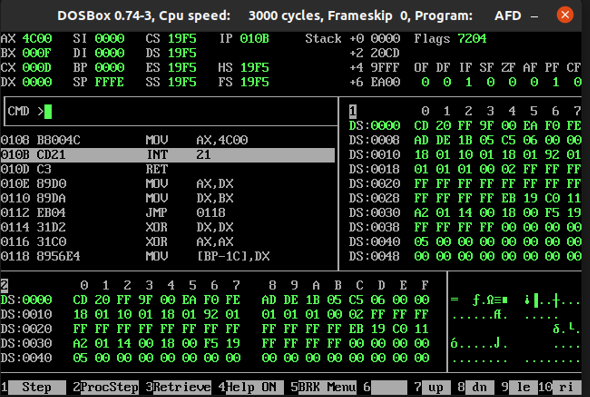


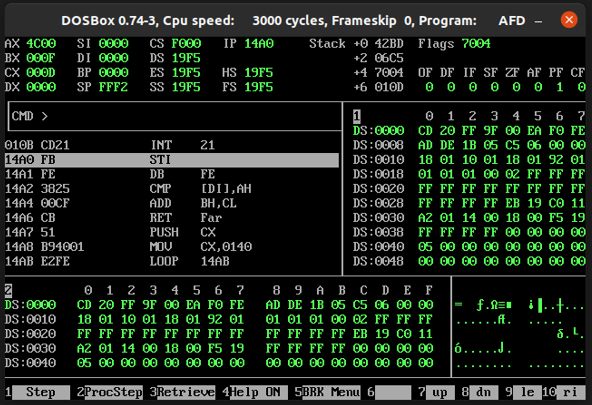






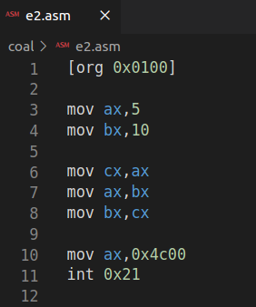






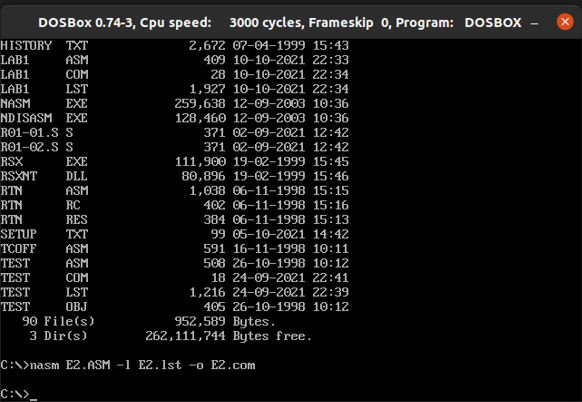
**Another example**

**Assembly version:**



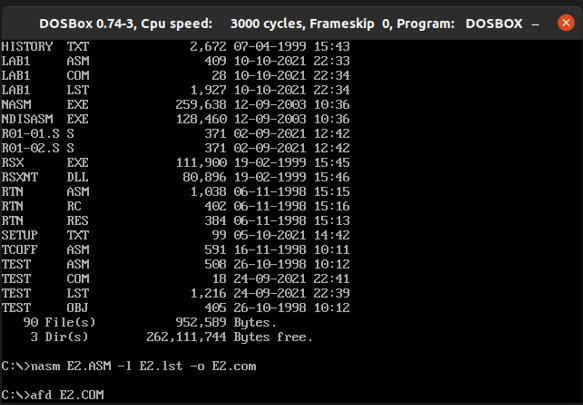
**Compile the code:**

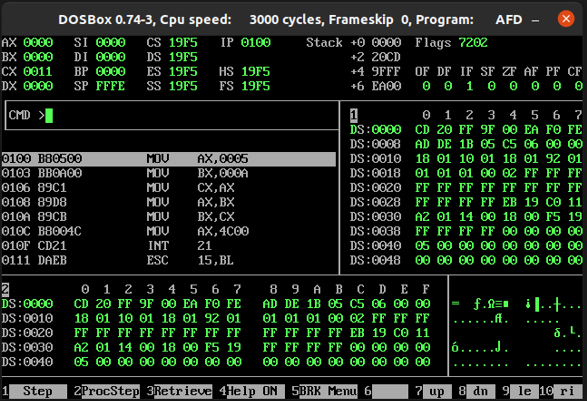
nasm e2.asm -l e2.lst -o e2.com

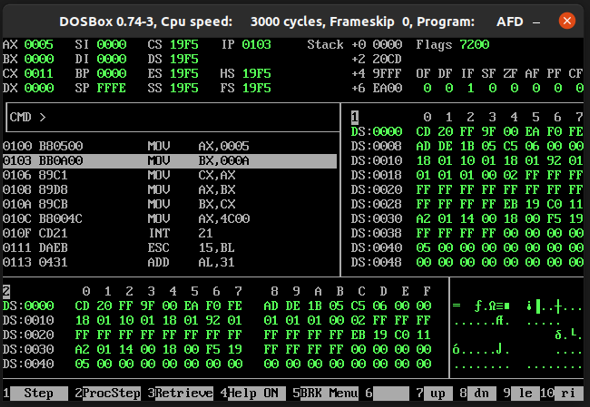


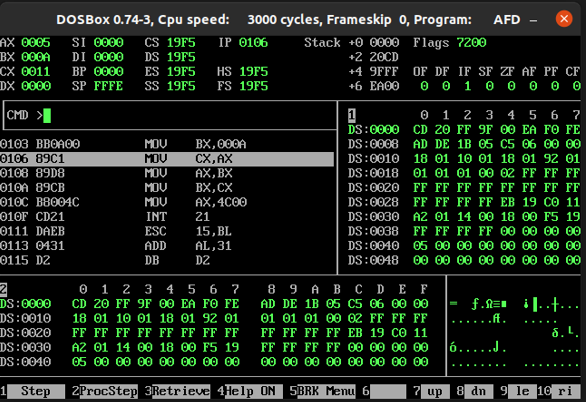
**Debugger:**

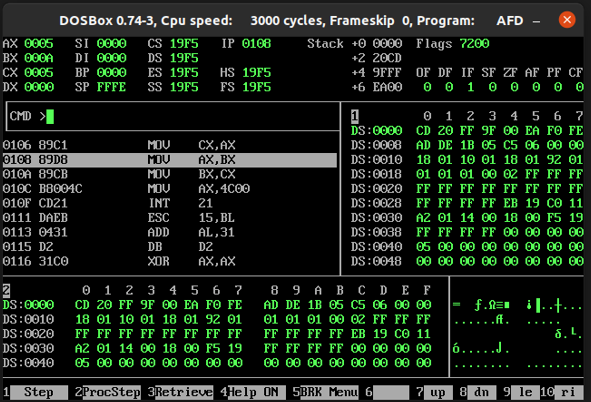
afd e2.com

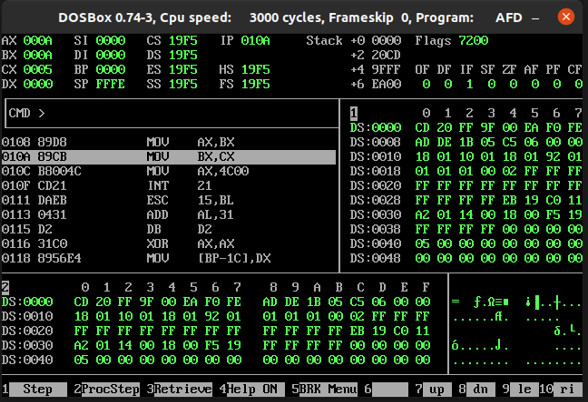


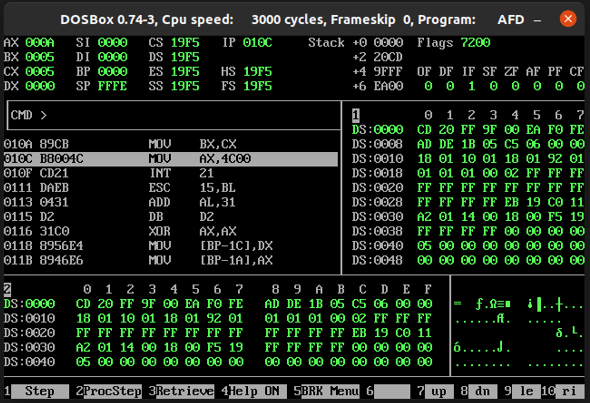


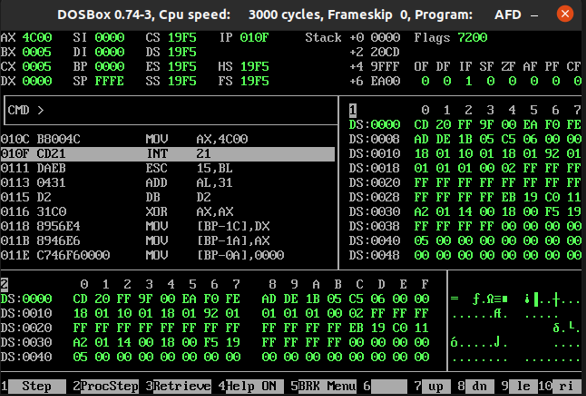






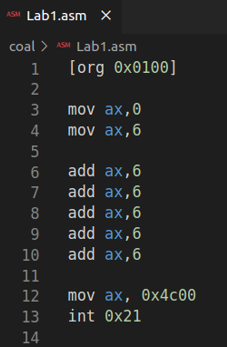






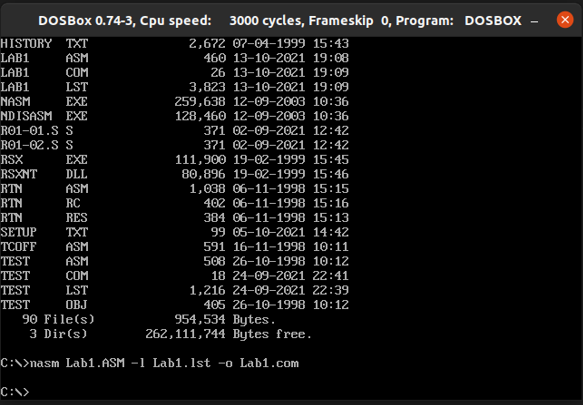
**Now the last code:**

Assembly version:



**Compile the code:**

nasm Lab1.asm -l Lab1.lst -o Lab1.com



**Debugger:**

afd Lab1.com

