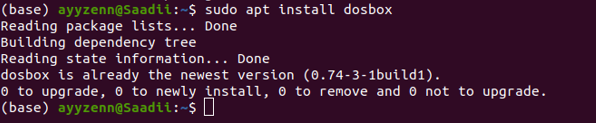
**Lab Report#2**

**Saad Ahmad**

**(20P-0051)**

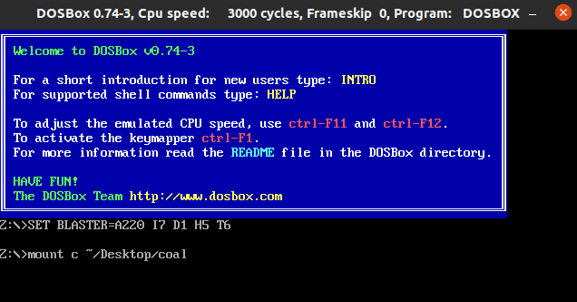
1. First, we install dosbox on our system.
2. To install dosbox on ubuntu type the following

**sudo apt install dosbox**



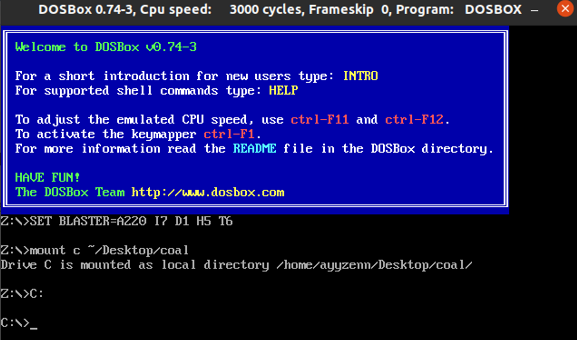
1. After that run the dosbox.
2. Then we will mount the directory containing **nasm** and **Advance free debugger(afd).**
3. To mount the directory, type the following command

**c {path of the nasm}**



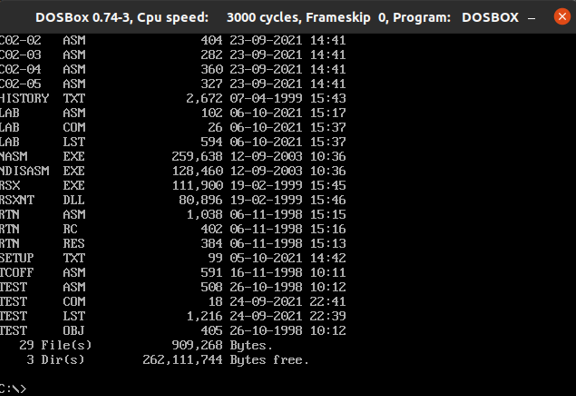
1. Now open the virtual directory where we mounted nasm:

**c:**



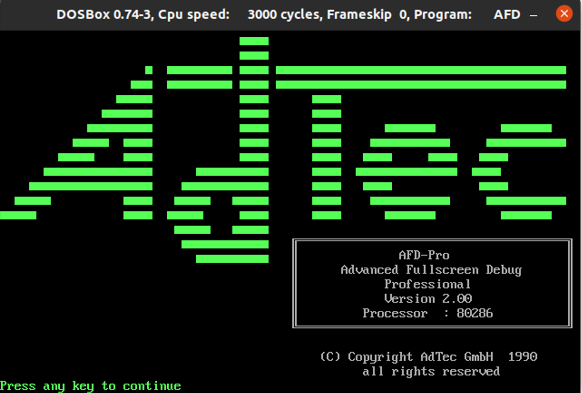
1. Now we will check whether the directory is successfully mounted or not so for that type

**dir**



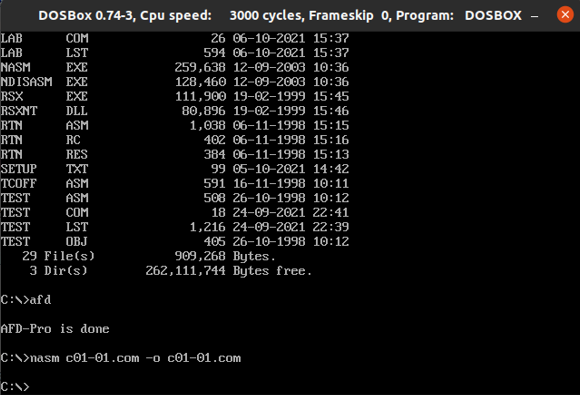
1. Now we will check our debugger so for that type

**afd**



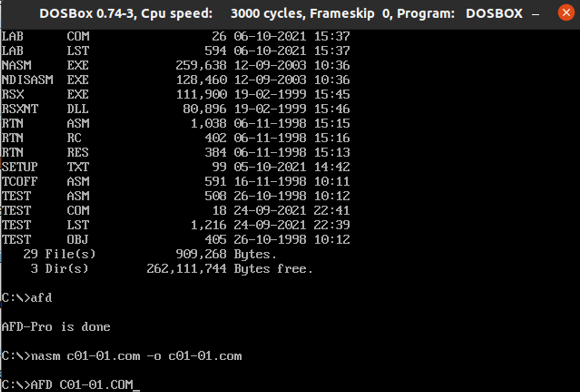
1. now let’s run our first code so for that type

**nasm{filename}.asm -o {output filename}.com**



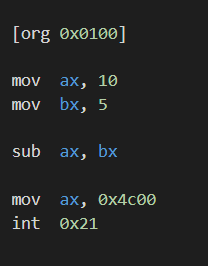
1. Now we will run our debugger so run the following command

**afd {filename}.com**

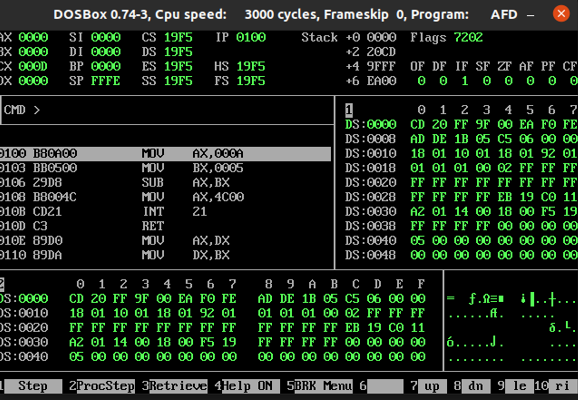


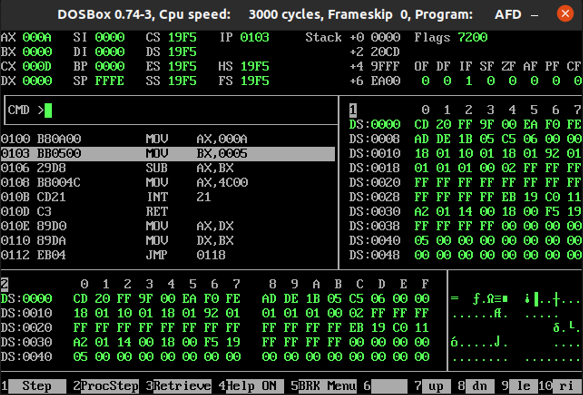
**Sample codes**

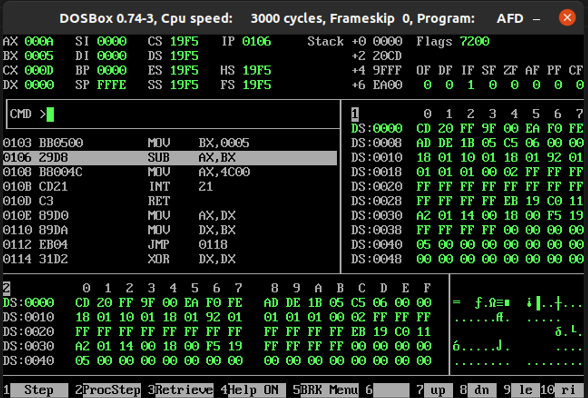
Code#1

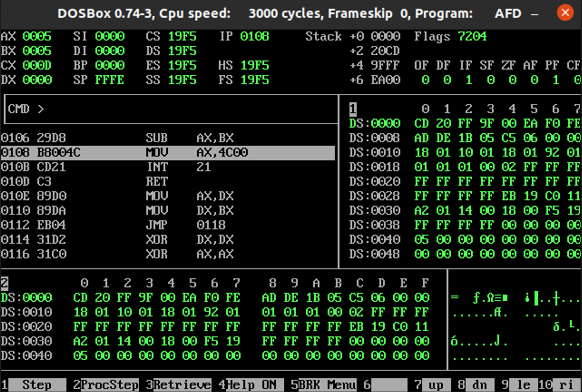


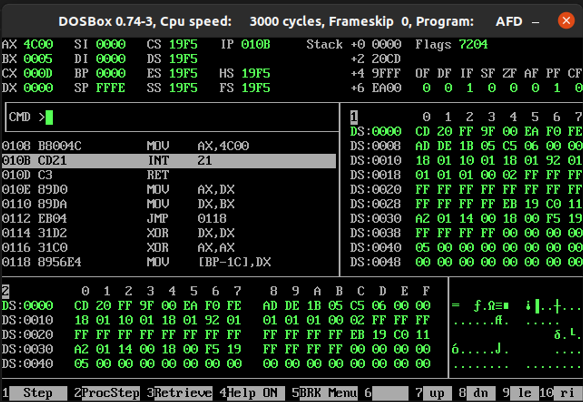
Output:



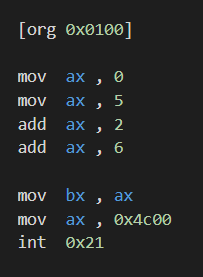




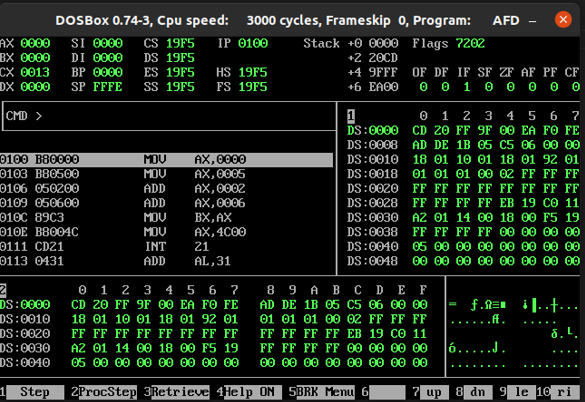


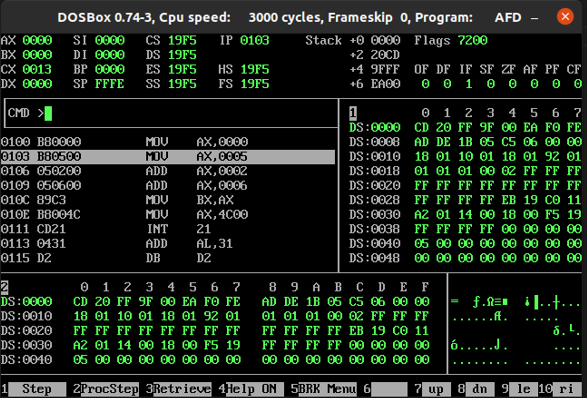


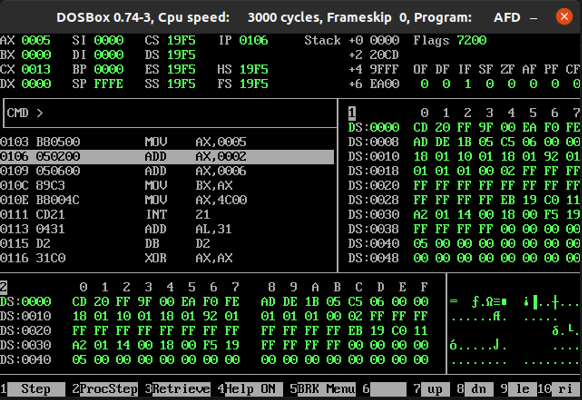
Code#2

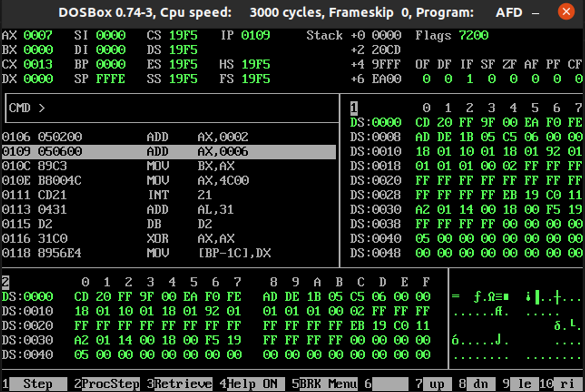


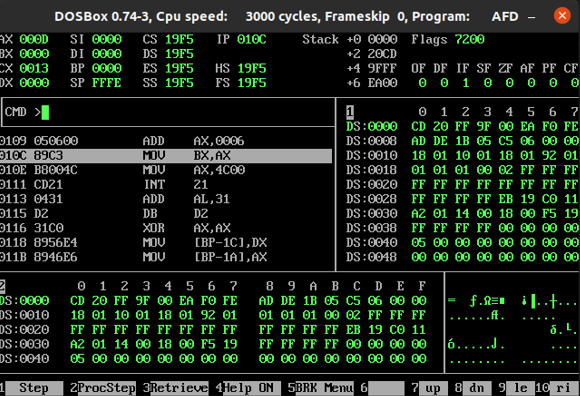
Output:

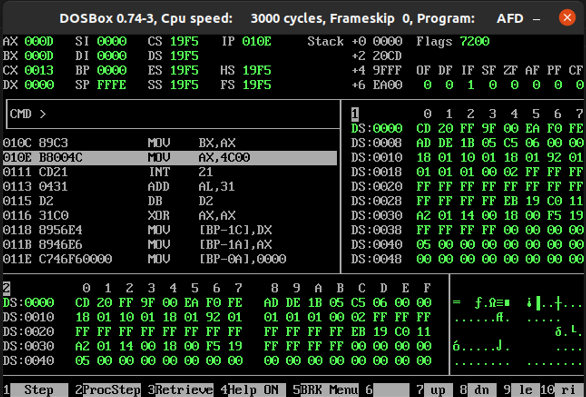


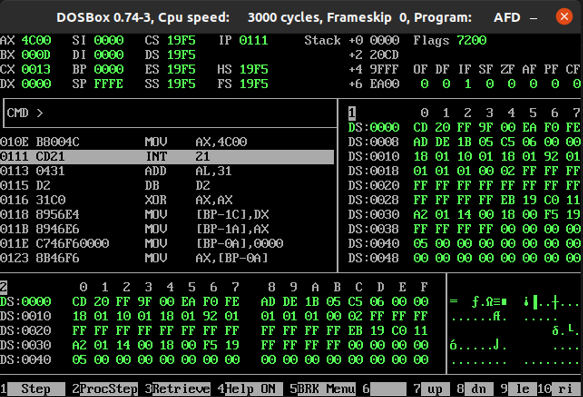


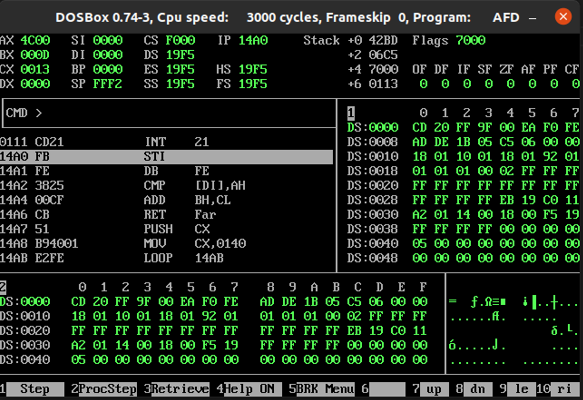




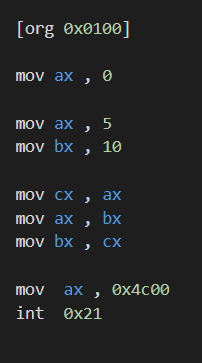








Code#3



Output:

