COAL LAB:
TASK NUMBER :02

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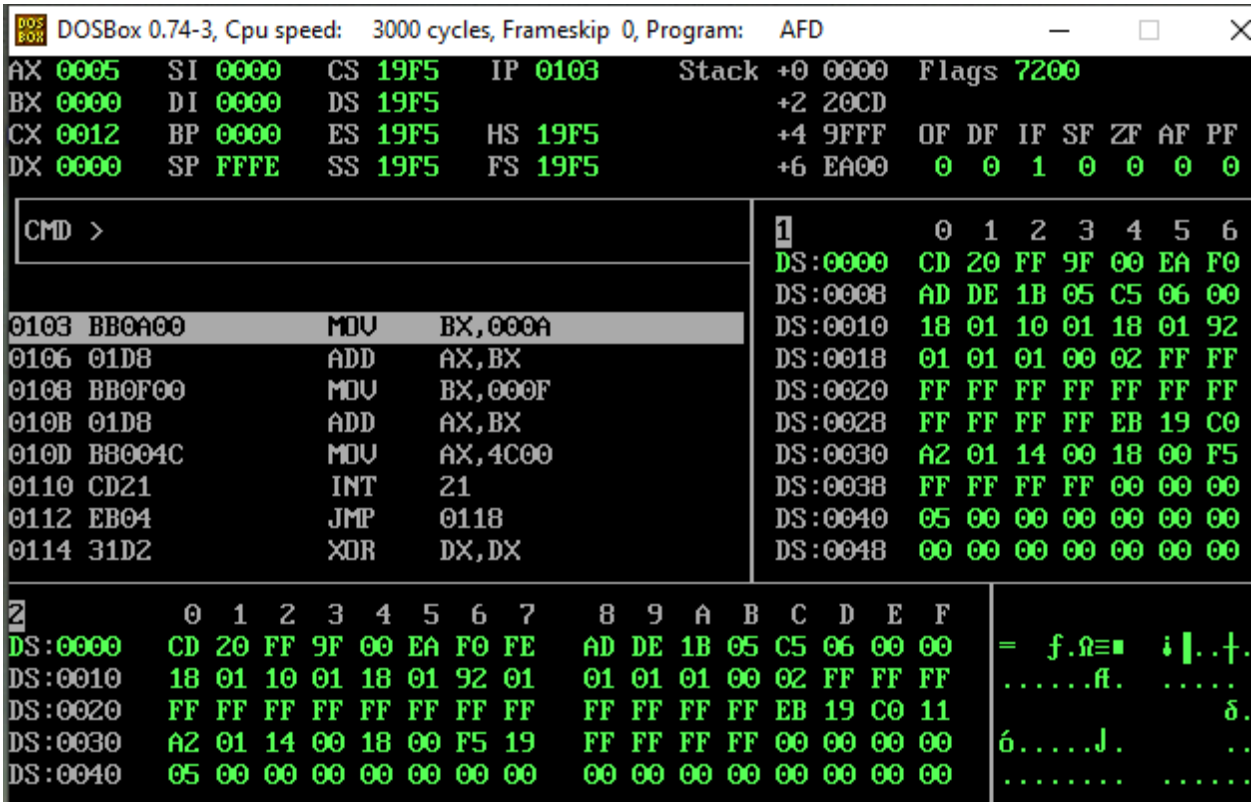
Roll-Number: 22P-9009.

STEP:1

So at first we basically load the whole program and done all the things like we did in Lab Number 01

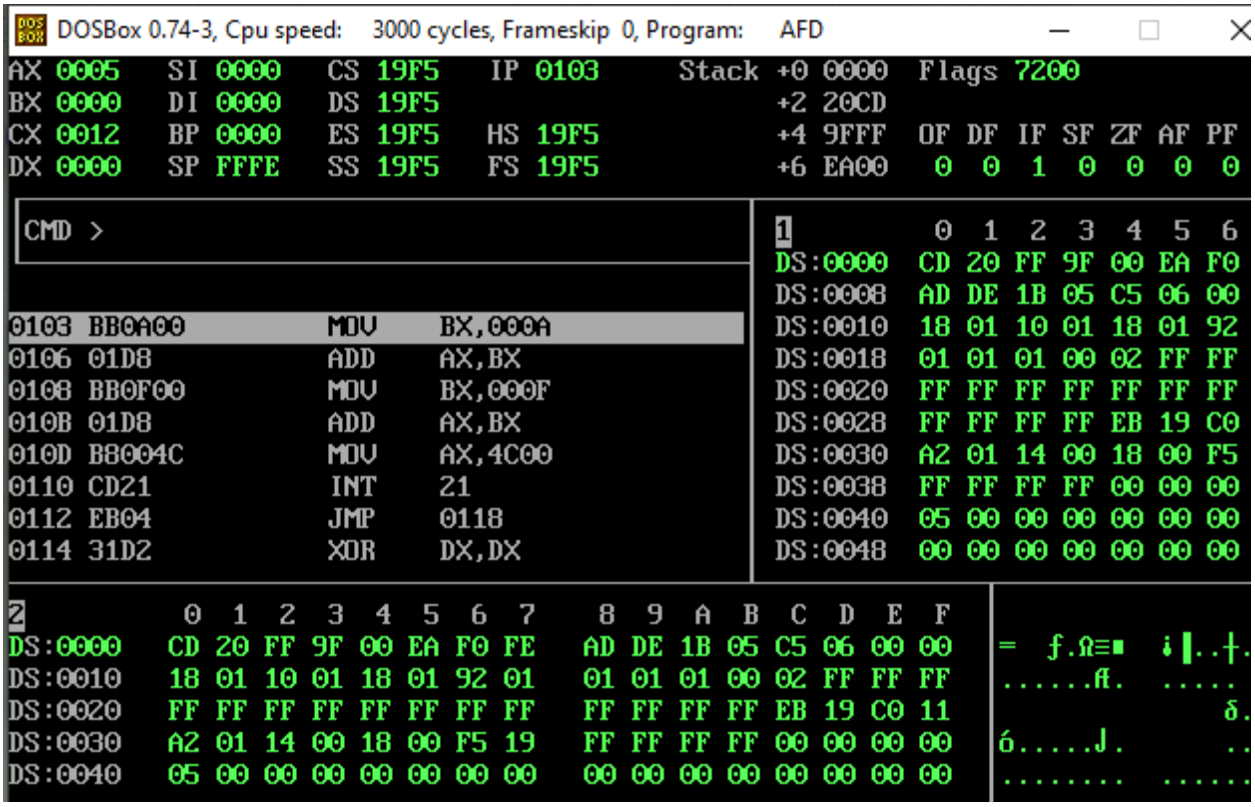
STEP:2

Then we just go on code press f1 and go on next command and see what happens .In first row it basically originates like from 100 [0x100]



STEP:3

Load the constant value 5 into the register ax.

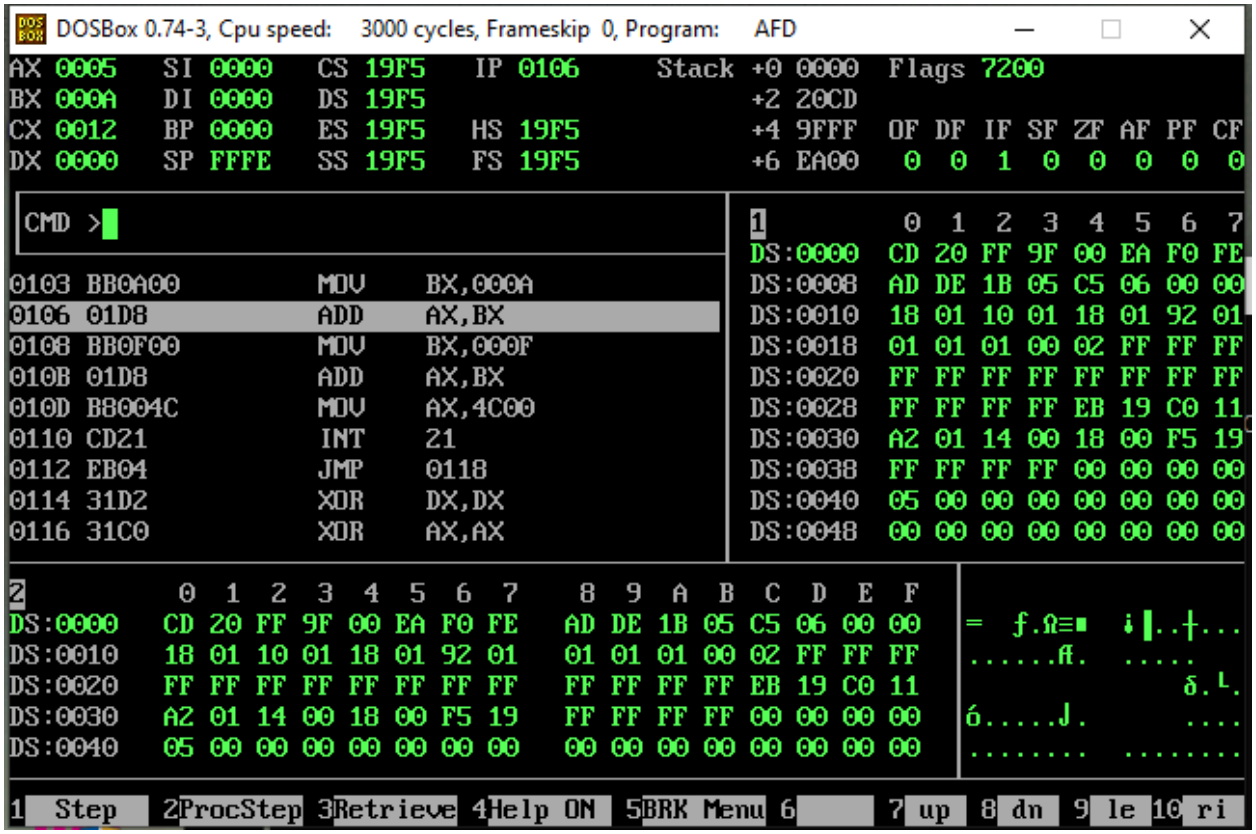


STEP:4

Load the constant value 10 into the register bx.

STEP:5

Add the value in register bx to the value in register ax.

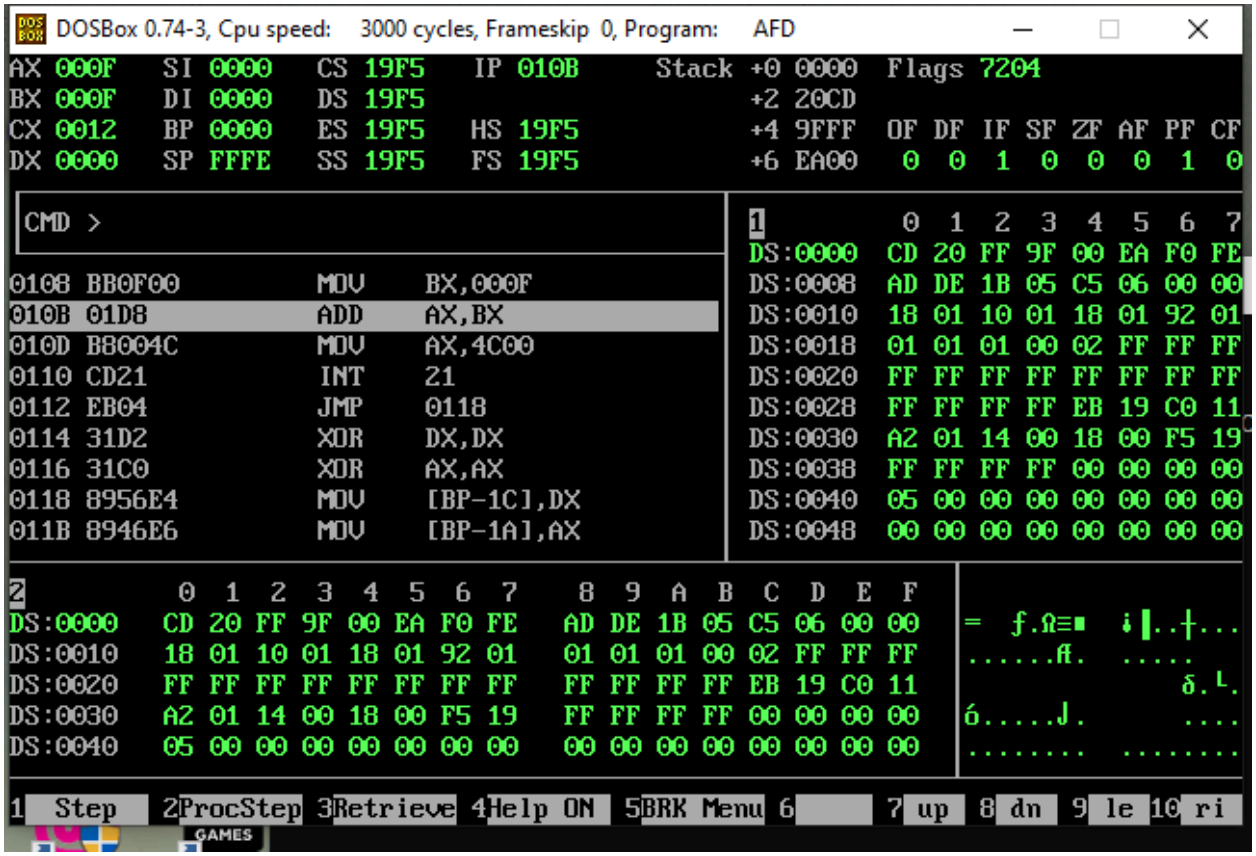


STEP:6

Load the constant value 15 into the register bx.

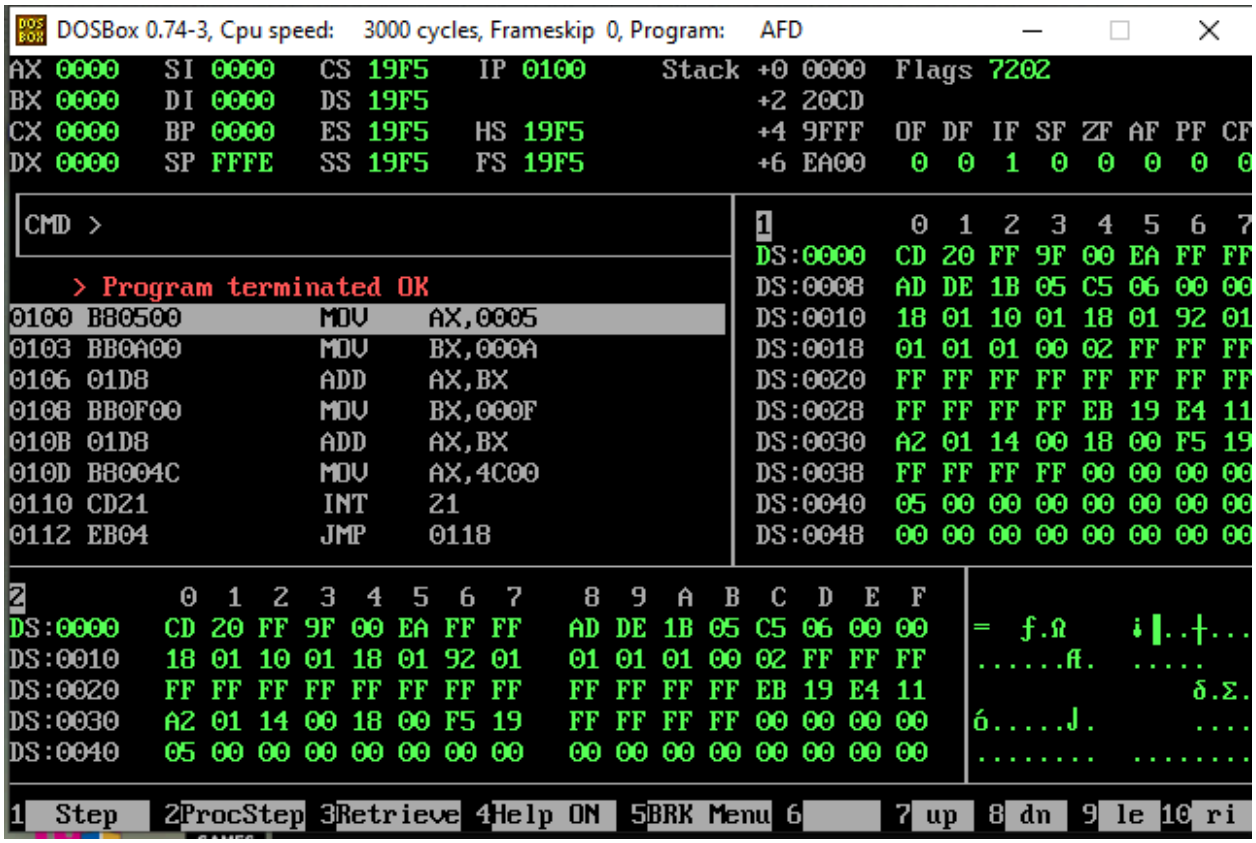
STEP:7

Add the value in register bx to the value in register ax.



STEP:8

Set register ax to the value 0x4c00.



STEP:9

Call the operating system interrupt 0x21 to terminate the program.