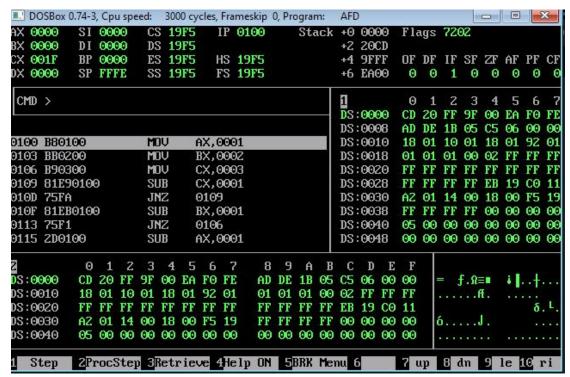
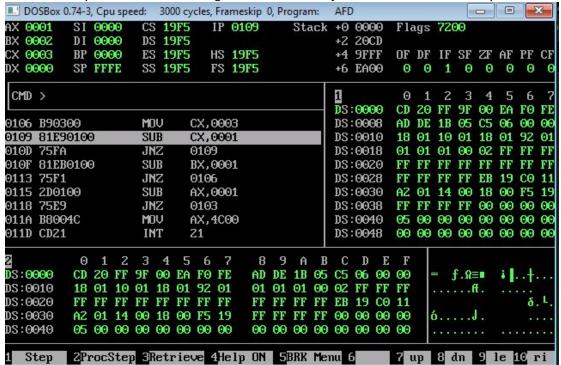
## Step Number:01

We just moved 1 in Ax and 2 in Bx and 3 in Cx Register



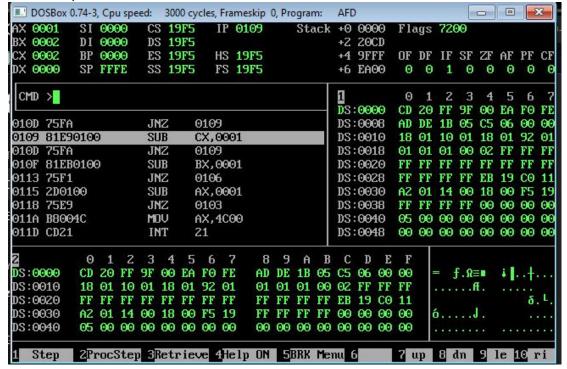
## Step Number:02

So we basically subtract 1 from CX register and check the jnz condition we move every iteration.



## Step Number:03

As we can see we back on CX and with that we move every iteration and when the upper loop goes zero it goes inner and in inner if it jumps then we again going to reinitialize the values and do for every iteration.



## **Step Number:04**

Here condition meet the required number like for jnz it's zero so it did not jump and goes on termination of program.

