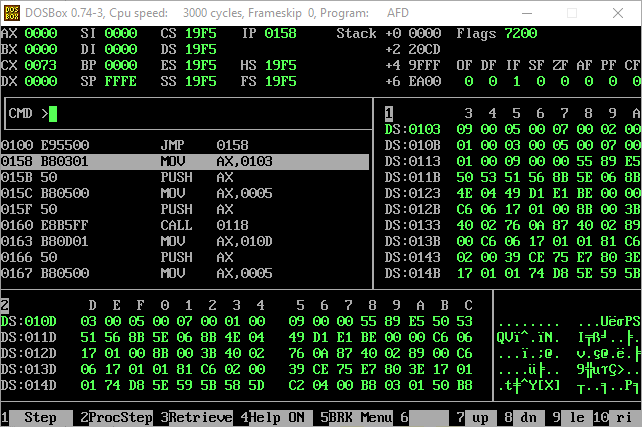
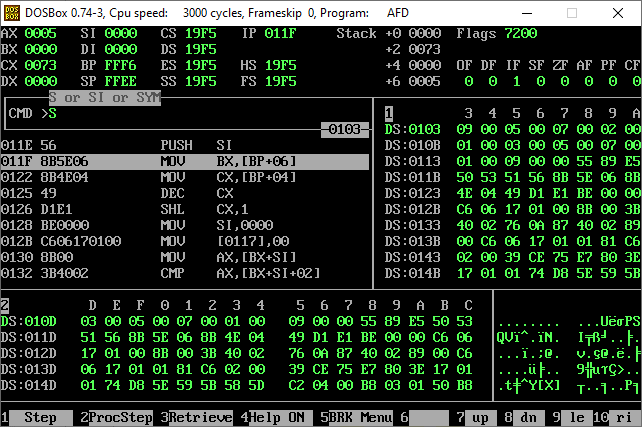
***Example 5.5: -***

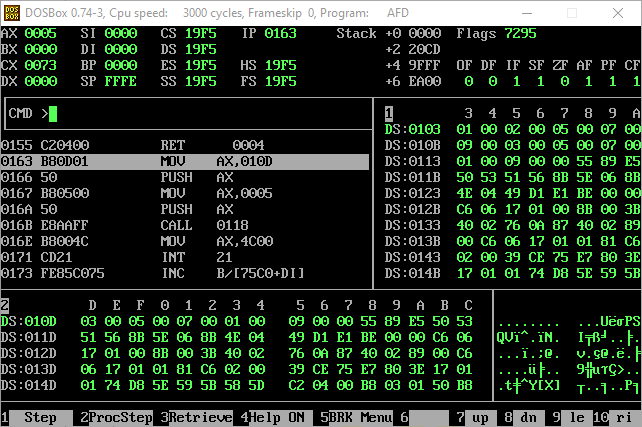
**Before Calling The Function**

****

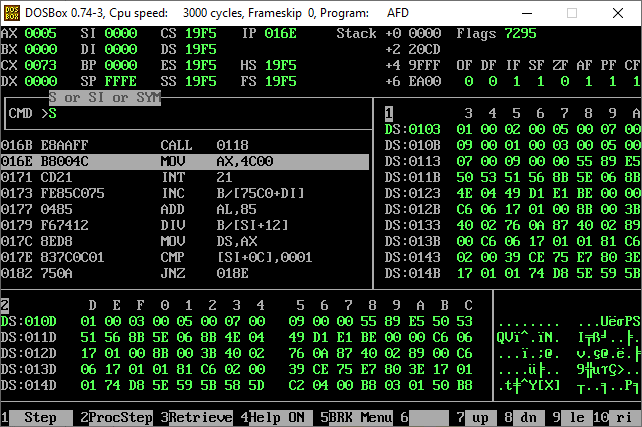
**After The Subroutine Is Called And All The Registers Used In The Sub Routine Are Pushed**

****

**After Popping The Registers Used In The Subroutine And Returning Back From Where It Was Called After Sorting The Data**

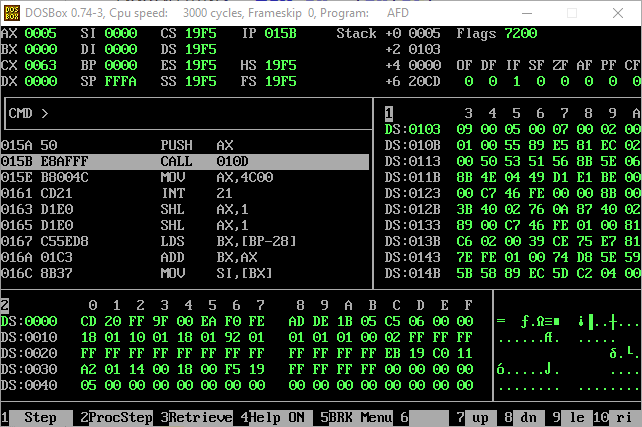
****

**And Same The Second Data Is Proceeded By The Same Sub Routine And Doing The Same Work Again**

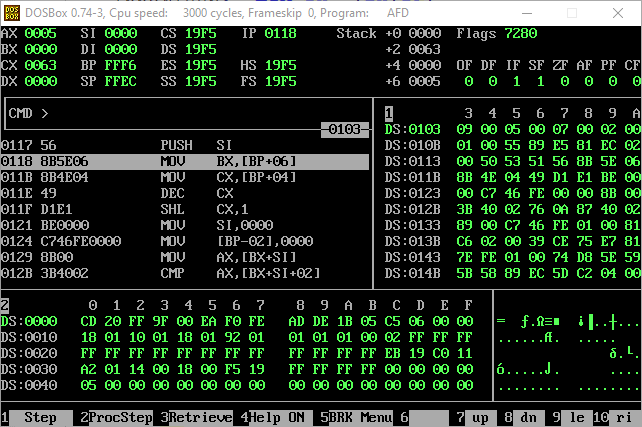
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***Example 5.6: -***

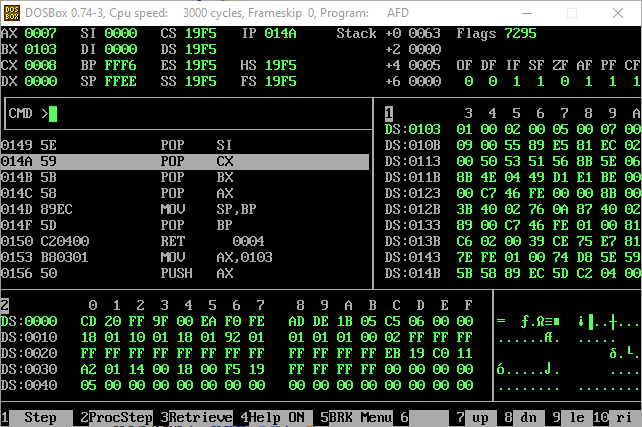
**Before Calling The Subroutine, The Stack Is Used To Push The Data Address And Number Of Data**

****

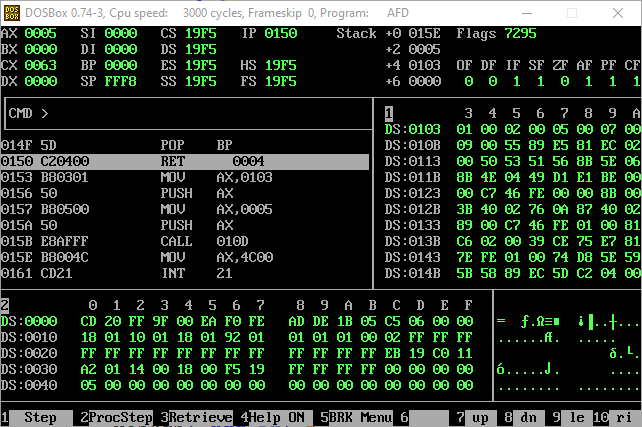
**After The Subroutine Is Called A Space In The Stack Is Made For The Local Variable In This Case It Is The Swap Flag**

****

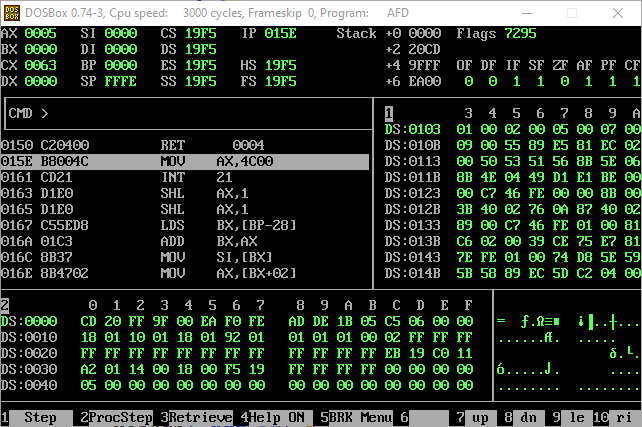
**After The Data Is Sorted**

****

**The Registers Values Stored Before In The Stack Are Popped To Return Their Before Values And The Local Variable Is Also Destructed Here As We Previously Assigned A Place For It In The Stack And Now We Are Removing It**

****

**After Returning From The Subroutine**

****