Assembly Language and System Programming Lab13

Group: 2

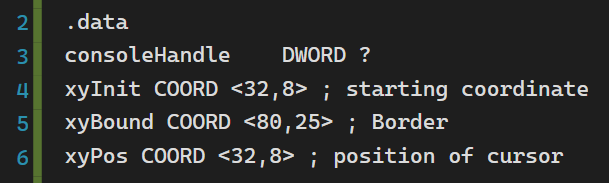
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Student ID: 110502531、110502567

**Objective:**

Get the keyboard event and move the cursor in the console

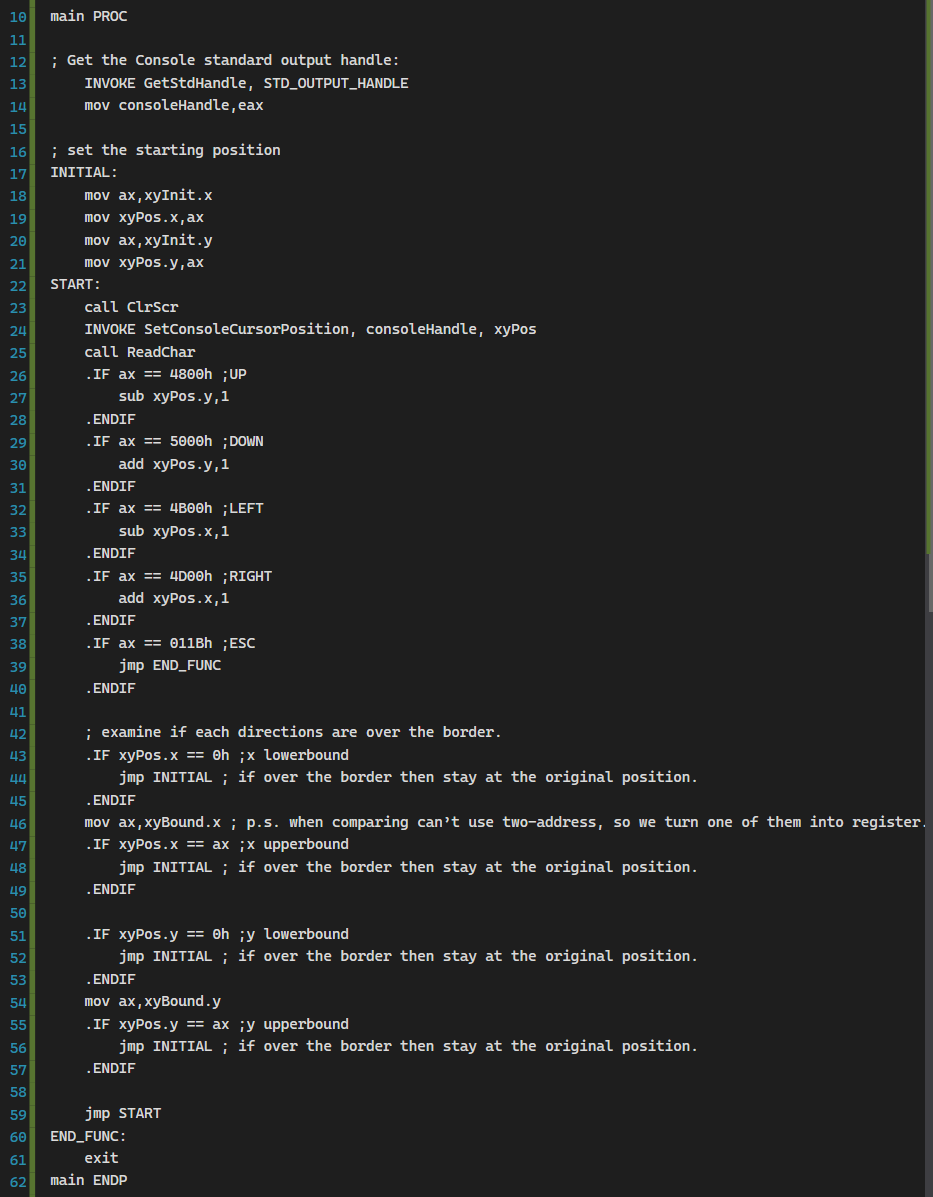
**Data:**

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**Line 2:**

**main PROC:**

Invoke the procedure with three arguments ( OFFSET string\_1, OFFSET string\_2+9, (SIZEOF string\_2)-1 ), and then call the printing methods.



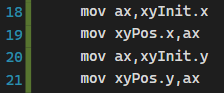
**Line 13-14:**

Get and store the console output handle.

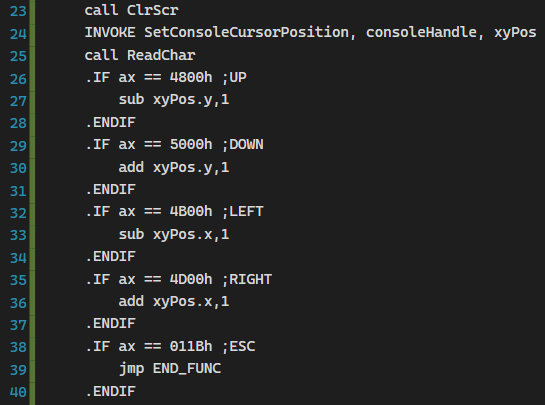
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**Line 18-21:**

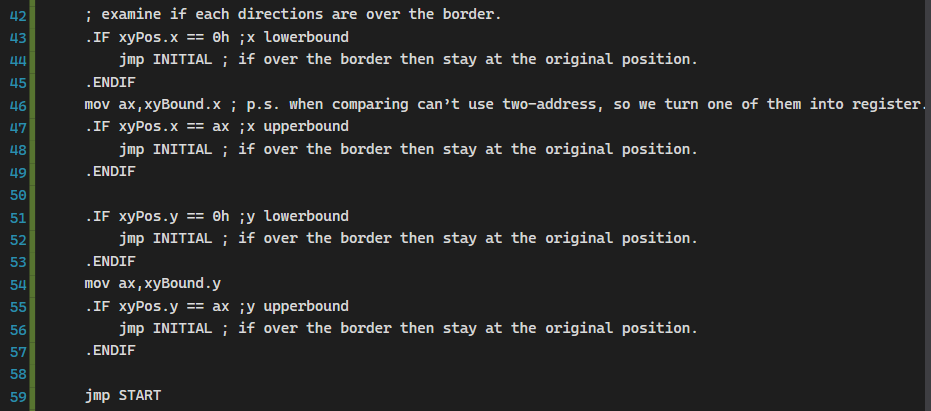
Draw the top line of the box.

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**Line 23-40:**

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**Line 42-59:**

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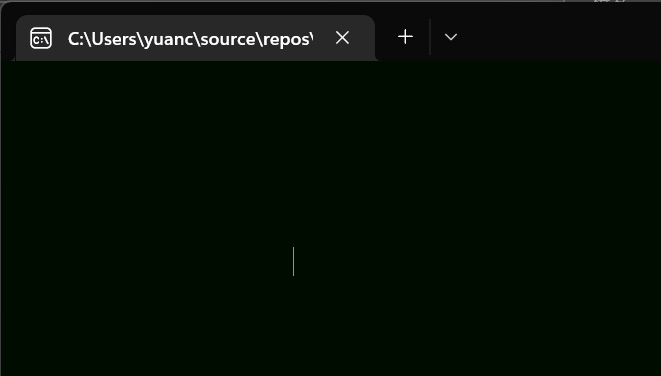
**END\_FUNC:**

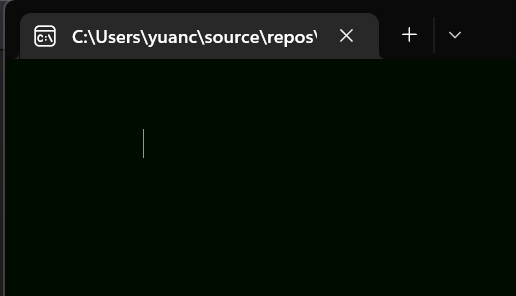
Exit the program

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**Result:**

As we expected, we have drawn the colorized box. But because of the configuration of my terminal, the box is not close to a square.

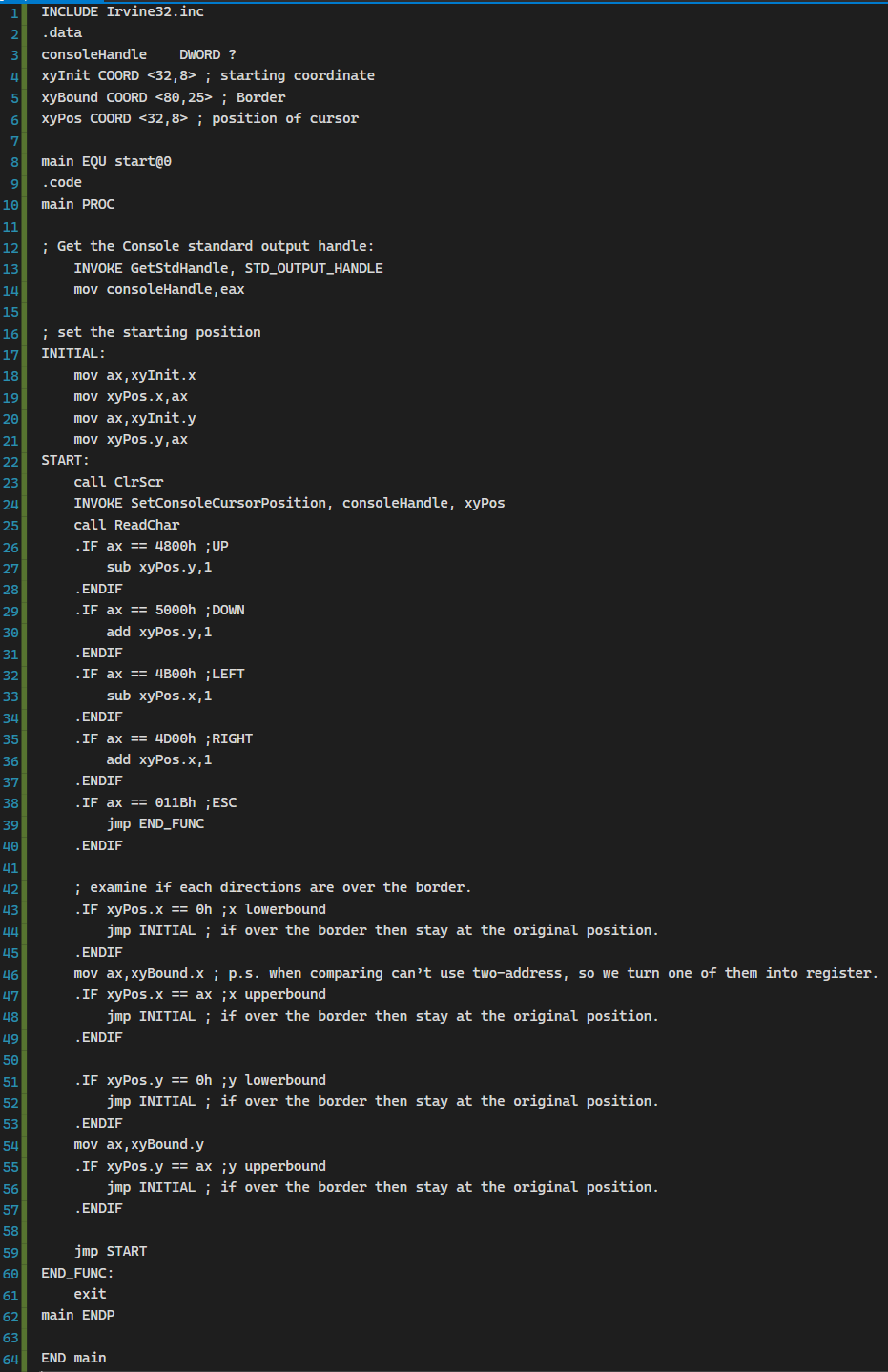




**Review:**

In this lab and lecture, we’ve learned

**Full code:**

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