

Lab 2: Input and Output

Requirements:

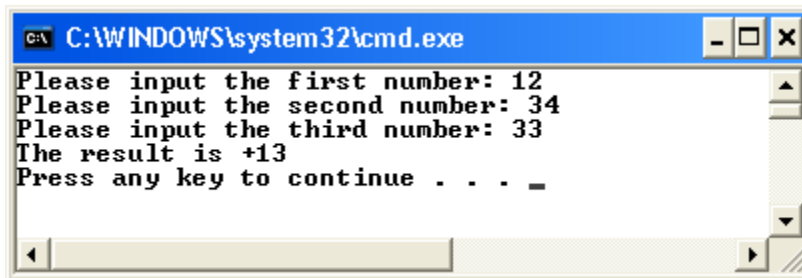
1. This assignment as well as other assignments in this class must be finished on Windows operating system.
2. Zip your program and snapshots
3. Submit on Canvas by 11:59pm September 12, 2013

Assignments:

Develop a 32-bit assembly program which is outlined as follows:

1. Declare three variables: ***val1***, ***val2***, ***val3***
2. Input three integers from the user and save the values in ***val1***, ***val2***, and ***val3***
3. Then perform the following calculation:
 - a) `ecx=val1`
 - b) `ecx=ecx+val2`
 - c) `ecx=ecx-val3`
4. Display `ecx`
5. You do not need to handle wrong inputs.

The output should be similar to



```
C:\WINDOWS\system32\cmd.exe
Please input the first number: 12
Please input the second number: 34
Please input the third number: 33
The result is +13
Press any key to continue . . . _
```

Hints:

1. You may need seven variables.
 - a) You need to prompt a message for the user to input each of the three numbers, the easiest way of doing that is to prepare three strings. They are ***three*** variables.
 - b) You will need ***three*** variables to store three input numbers.
 - c) When you display the output, you may need to save the message "***The result is***" in ***a*** variable.
2. "call crlf" advances the cursor to the beginning of the next line in the console window.

Grading Policies:

Correct variable declarations	10%
Successfully input from user	30%
Correct calculation	30%
Correct format of displaying	30%