

CS221 Assembly Language

Lab4

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1- Practice:

Procedures:

declaration

name PROC ; name is the name of the procedure

; here you put your code

ret ; this has to be put at the end of the procedure to return to the caller.

name ENDP ; name is the name of the procedure

calling:

use **call name** (*name is the name of the procedure*) to call the procedure.

Modify the lab3 so all should be using procedures. The main procedure is the one that is calling other procedures depending on the user's choice.

instructions	data declaration	macros	Registers
mov add inc loop cmp jne call ret	byte, word	WriteString WriteInt	eax, ebx, esi, edi
		WriteDec	

Exercise:

The same exercise of lab3 should be put in a procedure and you should add a choice to get it called in the main procedure.

Note: You should **practice** and do the **exercise** home and, in the Lab time: the first half the instructor will check your homework, take notes, and answer your questions if you have any. ~~The second half will be a quiz.~~

Use *gotoxy* in the procedure main program to write always in the same location on the screen.

2- Quiz:

No Quiz this week.