

CS 320 – Spring 2009

Assignment 03 – Due: Friday, Feb 13

Write an assembly program to do the following:

Store the following hex values in memory:

A2h

23h

Add the numbers together in register EAX.

Display the registers.

Store the result back in memory (do not over write the original values!)

Display the result to the screen as hex.

Display the result to the screen as binary.

Display the result to the screen as base 10.

Notes: Check your results. Make sure that your code has the upper comment block filled out such that your name & the assignment number are listed. Additional comments may be included at your discretion.

Put a copy of your source code file (.asm) & ~~redirected output file (.txt)~~ into a **.zip** file named **CS320-A03-YOURNAME.zip**. Note: if you have trouble creating zip files in the labs, refer to my tutorial on my Fall 2008 CS104 course page.

UPDATE: ignore the .txt file requirement for now – redirecting output doesn't seem to work as expected with our assembled executables. Until I figure out a fix, you are not responsible for that part.

Upload the **.zip** file to Moodle.

The following rubric will be used for grading:

Description	Points
Correct filename(s) are used	1
Source code content - program implemented as indicated	9
Source code documentation – comments includes as indicated	2
Source code compiles without errors	2
Program executes	2
Program output is correct	2
Program output file is correct	2
TOTAL POSSIBLE POINTS:	20

