

Lab 2b - Integers

Re-submit Assignment

Due Jan 23 by 11:59pm

Points 10

Submitting a file upload

File Types asm

CIS 020 Assembly Programming Laboratory Assignment 2b	
Instructor	Mark Berrett January 23, 2020
Assignment	Integers Produce a program in Macro Assembler that collects input from the console.
Purpose	Code output to prompt the user for input. Learn how to collect user input and store it in a variable. Perform a simple mathematical operation on an integer. Understand how numeric values are stored.
Instructions	<ol style="list-style-type: none">1. Create a text file that will be used as an assembly language source file and call the file: <div>2b.asm</div>2. Insert the proper project documentation at the top of the file.3. Create a public data segment.

Create a stack segment of 32h bytes.

Create a public code segment and initialize the stack segment.

4. Create a string variable that will hold user input.

5. Display a prompt for user input. Ask the user to input numeric (integer) data.

6. Collect and store input from the console.

7. Add 1 to the value.

8. Display the sum.

9. Insert descriptive code comments.

Submit

Submit your source file, 2b.asm to the *Submit Assignment* link in the upper right of this page.

Lab 2b Grading Rubric

Criteria	Ratings			Pts	
Code	5.0 pts Correctly performs operations	1.0 pts Performs operations, but not using coding conventions		0.0 pts Syntax or logic errors	5.0 pts
Project documentation	2.0 pts Good documentation and code comments		0.0 pts Missing or poor documentation		2.0 pts
File name	1.0 pts Correct	0.0 pts Incorrect file name			1.0 pts
File	2.0 pts Correct file submitted		0.0 pts Incorrect file, late or no submission		2.0 pts
Total Points: 10.0					