

Lab 2a - Data Definitions

Re-submit Assignment

Due Jan 21 by 9pm **Points** 10 **Submitting** a file upload **File Types** asm

CIS 020 Assembly Programming Laboratory Assignment 2a	
Instructor	Mark Berrett January 21, 2020
Assignment	Data Definitions Create variables that can be set and used.
Purpose	Explore the data segment and its features. Code variables. Set and display variable values.
Instructions	<ol style="list-style-type: none">Create a text file that will be used as an assembly language source file and call the file: <div>2a.asm</div>Insert the proper project documentation at the top of the file.Create a public data segment. Create a stack segment of 32h bytes.

Create a public code segment and initialize the stack segment.

4. Define 2 unsigned integer variables.
5. In the code segment, place numeric values into the variables
6. Add the two variables and output the sum.
7. Define a variable to hold a floating-point value.
8. In the code segment, place a numeric value into the variable and output the value.
9. Define a variable to hold a string of 7Fh bytes.
10. In the code segment, place text in the variable and output the string to the console.
11. Insert descriptive code comments.

Submit

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

Lab 2a Grading Rubric (1)

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					