HW 2-2

Due Sep 2 by 5:50pm   **Points** 25   **Submitting** a text entry box   **Available** until Sep 2 at 5:50pm

This assignment was locked Sep 2 at 5:50pm.

This is an in-class assignment. Complete the below word doc in class along with me. Once completed, submit a statement saying that you have completed it.

HW 2-2.docx

Minimize File Preview

CS3B HW 2-2 In Class Assignment F20   NAME:_____

Suppose that below (Part 2) will represent a snapshot of our data segment and that each box in memory dump indicates a single byte. The starting address of the first byte is 0x00020170 in hex. Suppose further that the data identifiers are as described below.

Part 1 (2 pts): Finish writing out the memory address for each label below. The first label 'szMsg' has been completed for you.

		.data	
0x00020170	szMsg:	.asciz	"Factorial"
	cCr:	.byte	10
	sValArr:	.hword	-1,-2
	iValArr:	.word	0,0,0
	bValArr:	.byte	1,2,3,4

Part 2 (4 pts, 1 pt for each row, no partial credit): Here is the actual data segment. Fill in the memory addresses and contents below based on the data values in Part 1. ALL VALUES MUST BE WRITTEN IN HEX AND HOW THEY ACTUALLY APPEAR IN MEMORY! Capital 'A' is hex: 0x41 and lower case 'a' is 0x61.

MEMORY DUMP