Practice -	Practice	
Due Sep 30 at 11:5 Available until Sep	•	

Instructions

This is a practice quiz. It will test your understanding of (a) MSP430 assembly language directives, (b) MSP430 assembly language programs and subroutines, and (c) ability to read and comprehend code snippets written in MSP430 assembly language.

Attempt History

	Attempt		Time	Score
LATES	Attempt 1 version=1)	(https://uah.instructure.com/courses/48289/quizzes/98801/history?	5 minutes	8.67 out of 12
	Correct answe	rs are hidden.		

Submitted Sep 30 at 10:08pm

Question 1	1 / 1 pts
Which directive would you use to allocate and initialize one or n long integers?	nore 32-bit
.int	
.long	
○ .word	
.string	

☐ Error retrieving assignment external tools ☐
What does the following directive do?
wvars: .word 2, -1, 3, 4
Allocates 4 32-bit words in memory and initializes them with values 2, -1, 3, 4
Allocates 4 words in memory without initializing them
 Allocates 4 16-bit words in memory and initializes them with values 2, -1, 3, 4, respectively
 Allocates 4 bytes in memory and initializes them with values 2, -1, 3, 4

2 / 2 pts **Question 3**

Consider the following .data section starting at the address 0x0800 (ASCII code for 'a' is 0x61).

.data

lb1: .cstring "abcd"

What is the result of the following instruction?

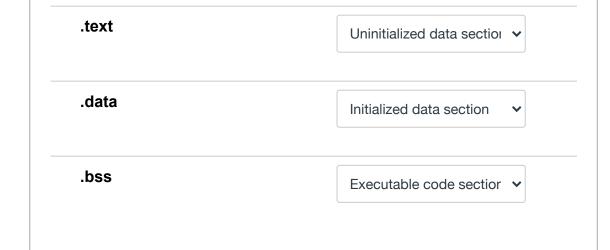
MOV.W &lb1, R5

□ Error retrieving assignment external tools □	
R5=0x0061	
○ R5=0x0062	
R5=0x0800	
© R5=0x6261	

Partial

0.67 / 2 pts **Question 4**

The assembly language programs contain various sections for initialized data, non-initialized data, executable code. Match directives with their description?

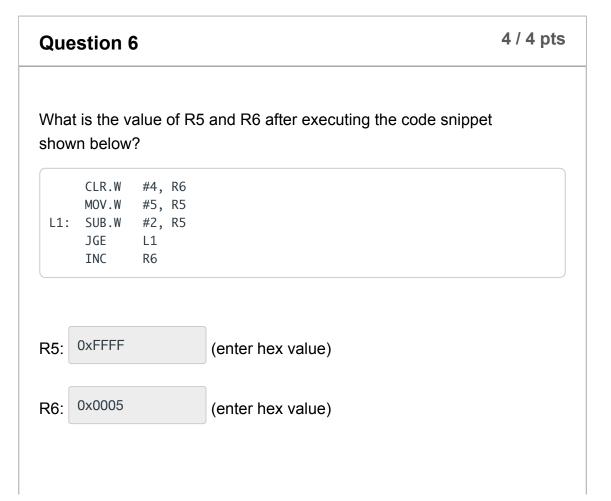


Incorrect

0 / 2 pts **Question 5**

How many words is pushed onto the program stack when executing the following code snippet concluding with the call instruction.

□ Error retrieving assignm	ent external tools
PUSH.W #8	
CALL #mysuba	
• • •	
mya: .word 1, 2, 3, 4	
O 7	
O 3	
6	
O 4	



Error retrieving assignment external tools 0xFFFF	1
Answer 2:	
0x0005	