	on Chayden .0 (total score: 9/10)	
	+194/1/34+	
	CS 218 - Worksheet 6	
	For each of the following questions, select only the best answer.	
1/1	Question 1 Assuming a double-word size, two's compliment representation, what is the decimal representation of 0xFFFFFFA? -3 -4 -4 -5 -6 Question 5 When a macro is invoked, how many times is the code placed in the code segment? Code. Once for each time the macro is used in the code. Depend on specific code in the macro. It is never copied into the code segment.	1/1
0/1	Question 2 Assuming IEEE 32-bit floating point format, what is the representation of 0xC0D000000 in decimal? Recall that; n = (1) S 1. F 2 E 127 where S(1-bit): E(8-bits): F(23-bits). The rsp register is decremented by 8. The contents of the rax register are copied to [rsp]. The contents of [rsp] is copied to the rax register. The rax register is cleared. The rsp register is incremented by 8.	1/1
1/1 1/1	the program execution (yes/no)? Only for self-modifying code. Yes. No. Question 4 Which register refers to the top of the stack? Top Trip Trip None of these answers are correct. Question 7 How many bytes of data does the pop rax instruction remove from the stack? 1 1 2 1 8 8 16 16 16 14	1/1

1/1

xsp

Question 8	Given the following code fragmen

Question 8 Given the following code fragment, what is in the eax and edx registers?

list dd 2, 4, 8, 10, 12 mov rsi, 1 mov eax, 2 rcx, 2 mov dword [list+rsi*4] lp: imul add rax, 2 idiv dword [list+4] inc rsi loop lp = eax = 0x00000001 and edx = 0x00000002eax = 0x000000002 and edx = 0x000000004= eax = 0x000000002 and edx = 0x000000000. \mathbf{X} eax = 0×000000004 and edx = 0×000000002

what is in the rex register?	
	1/1
	1/ 1
Question 10 Given the previous code fragment,	
what is in the rsi register?	
•	
what is in the rsi register?	1/-
what is in the rsi register? rsi = 0xFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	1/3
what is in the rsi register? rsi = 0xFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	1/3

1/1