Richardson Chayden Mark: 8/8 (total score: 8/8)



+72/1/38+

CS	218	-	Worksheet	3

	\longleftarrow Encode last 5 of NSHE ID
$\boxed{0} \boxed{1} \boxed{2} \boxed{3} \boxed{4} \boxed{5} \boxed{6} \boxed{7} \boxed{8} \boxed{9}$	Enter Name: First Last
$\boxed{0} \boxed{1} \boxed{2} \boxed{3} \boxed{4} \boxed{5} \boxed{6} \boxed{7} \boxed{8} \boxed{9}$	Charden Richardson
$\boxed{0} \boxed{1} \boxed{2} \boxed{3} \boxed{4} \boxed{5} \boxed{6} \boxed{6} 7 \boxed{8} \boxed{9}$	Caracia (Caracia)
	8.0

For each of the following questions, select only the best answer.

Question 1	What	is the	hex,	double-word	size
two's complin	ient rej	presen	tation	n of -11?	

- 0xfffffffc 0xfffffff5
 - 0x0000000fc
- 0xfffffff

1/1

1/1

1/1

1/1

- 1101 000 1111 0101
 - OXF 5

What is the decimal representation of 0xFFFFFFD (hex, double-word size, two's compliment)? 1111 11 01 0000 0010

- -3

=7-3 0x03

Question 3 What is the IEEE 32-bit floating point representation of +11.125 in hex?

- 0x41320000
- 0x0xfd12500x43120000
- 0xc3120000

Question 4 Given the following code fragment, what is in the **rbx** register?

- mov rax, 9 mov rbx, 2
- add rbx, rax
- rbx = 0x0000000000000011
- rbx = 0x00000000000000000

Question 5 Given the following code fragment, what is in the eax register?

- mov eax, 4 mov ebx, 7 sub eax, ebx
- eax = -0x000000003
- eax = 0xfffffffd
- eax = 0x000000004
- eax = 0xfffffff3

Question 6 Given the following code fragment, what is in the eax and edx registers?

- mov eax, 4 mov ebx, 3 imul ebx
- eax = 0x00000012 and edx = 0x000000000
- eax = 0x000000000 and edx = 0x000000012
- eax = 0x00000000c and edx = 0x000000000
- eax = 0x000000001 and edx = 0x000000001

Question 7 Given the following code fragment, what is in the eax and edx registers?

- mov eax, 5 cdq mov ebx, 3 idiv ebx
- eax = 0x00000001 and edx = 0x000000000
- eax = 0x00000002 and edx = 0x000000000
 - eax = 0x000000002 and edx = 0x000000001
- eax = 0x00000001 and edx = 0x000000002 ~

1/1

1/1

1/1

101

100

1



Question 8 What function does each of the following instructions perform.

mov rax, qword [var]
mov rax, var

- They both access the address.
- The first accesses the value and the second access the address.
- They both access the value.
- The first accesses the address and the second access the value.

1/1