Summary Exercise - Week 3

Due Oct 20 at 11:59pm

Points 30

Questions 30

Available after Oct 13 at 12am

Time Limit 360 Minutes

Allowed Attempts 2

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	69 minutes	29.75 out of 30

Score for this attempt: 29.75 out of 30

Submitted Oct 16 at 10:15pm This attempt took 69 minutes.

	Question 1	1 / 1 pts
	If the LOOP instruction sets ECX to zero, a jump to the destination does take place.	label
	True	
Correct!	False	



	Question 3	1 / 1 pts
	The MOVSX instruction sign-extends an integer into a larger oper	and.
Correct!	True	
	False	
		1 / 1 nte

Adding 0FFh and 05h in an 8-bit register sets the Overflow flag.

True

False

	Question 5	1 / 1 pts
Correct!	Adding 5 to 0FBh in an 8-bit register sets the Zero flag.	
	True	
	False	

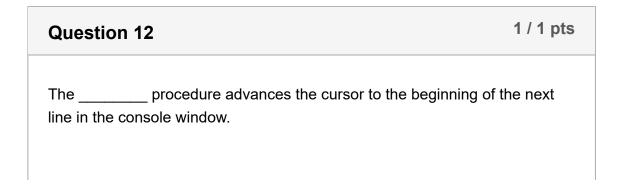
Question 6	1 / 1 pts

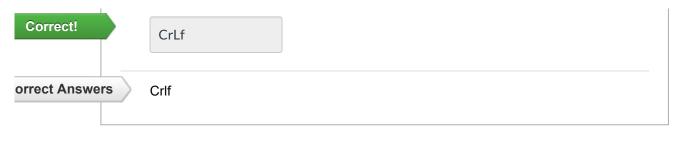
	A common programming error is to inadvertently initialize ECX to beginning a loop (when using the LOOP instruction).	o zero before
Correct!	True	
	False	
	Question 7	1 / 1 pts
	The MOVSX instruction is only used with unsigned integers.	
	True	
Correct!	False	
	Question 8	1 / 1 pts
	The MOVZX instruction is only used with unsigned integers.	
Correct!	● True	
	○ False	
	Question 9	1 / 1 pts
	MASM has built-in range checking for effective addresses.	
	True	

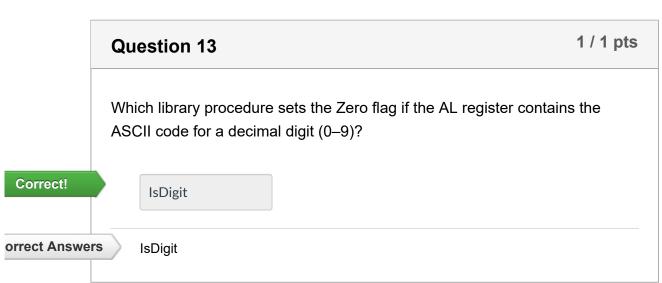
Correct!

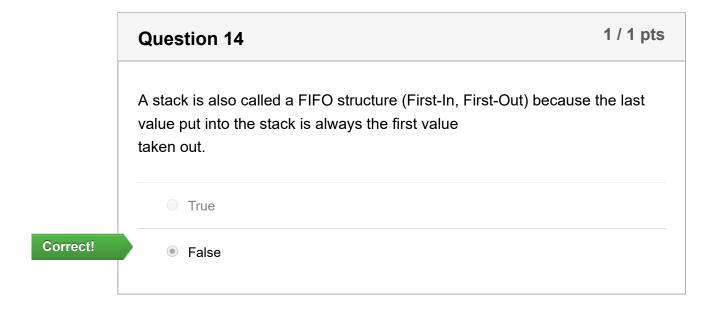
Question 10 The following instructions will set the Carry flag: mov al, 0FEh sub al, 2 True False

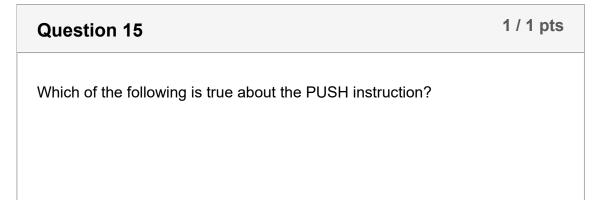
The fomal name of the LOOP instruction is Like Object Oriented Programming Loop According to EBX Counter Loop According to ECX Counter Loop According to CSI Counter









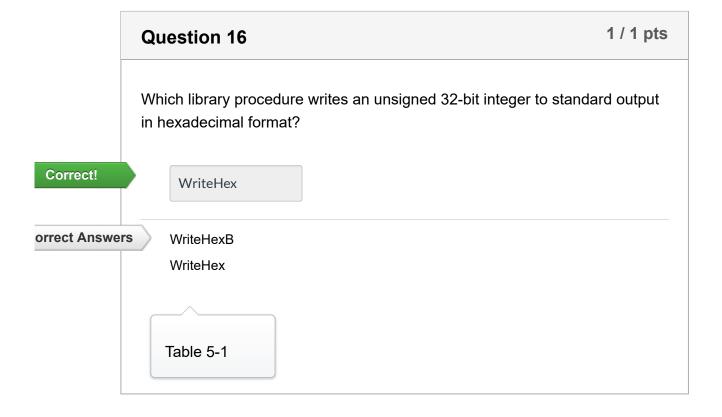


It increments the stack pointer by 1 and copies the operand into the stack at the location pointed to by the stack pointer.

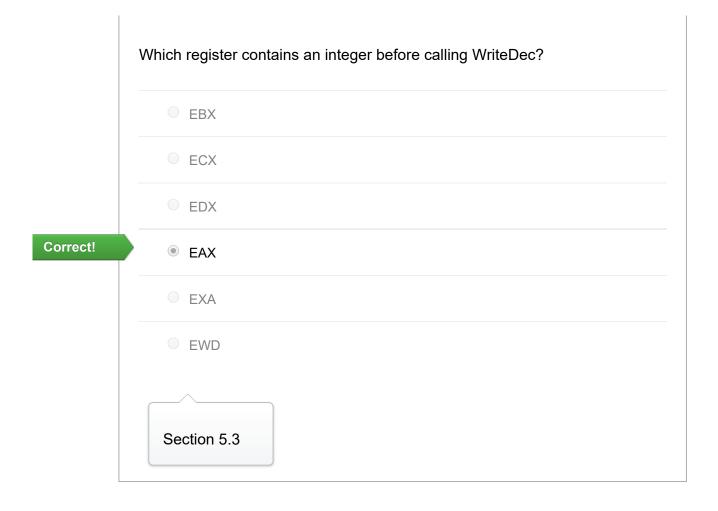
It decrements the stack pointer (by 2 or 4) and copies the operand into the stack at the location pointed to by the stack pointer.

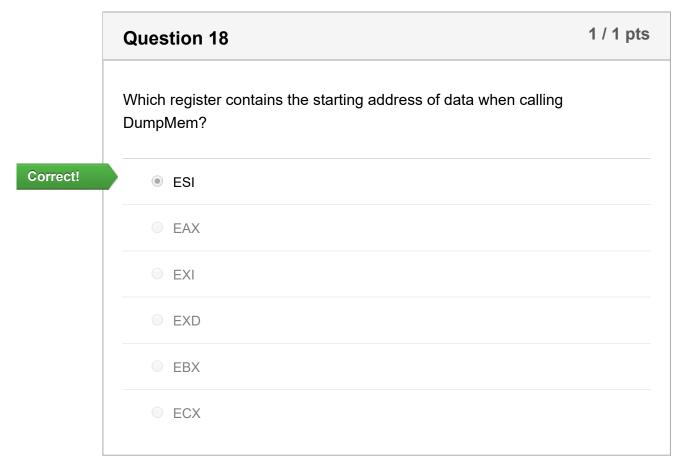
It copies the operand into the stack at the location pointed to by the stack pointer, and then decrements the stack pointer (by 2 or 4).

It increments the stack pointer (by 2 or 4) and copies the operand into the stack at the location pointed to by the stack pointer.



Question 17 1 / 1 pts





1 / 1 pts **Question 19** What will be the value of EAX when the following sequence of instructions has executed? push 5 push 10 pop ebx pop eax 5 orrect Answers 5 (with margin: 0)

Correct!

1 / 1 pts **Question 20** Which of the following CALL instructions writes the contents of EAX to standard output as a signed decimal integer? call WriteHex Correct! call WriteInt call WriteDec call WriteInteger

> 1 / 1 pts **Question 21**

> Mechanically speaking, the CALL instruction pushes its return address on the stack and copies the called procedure's address into the instruction pointer.

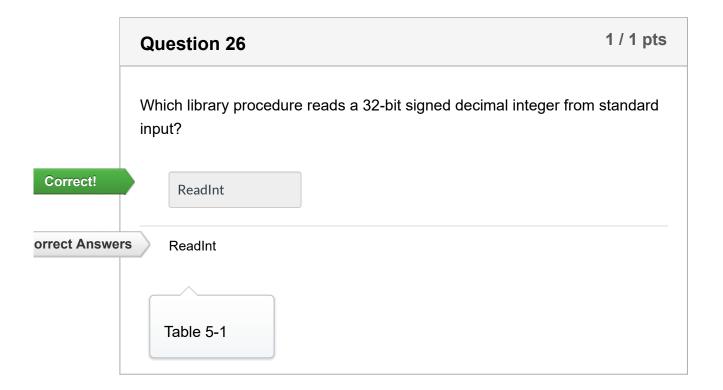
Correct!

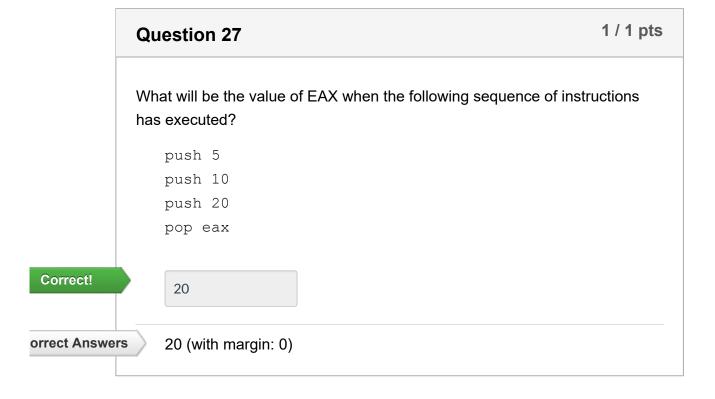
False

1 / 1 pts **Question 22** Which of the following code sequences assigns the value 0x10 to EBX? (select all that are correct) push 20h mov ecx, 10h push ecx pop eax pop ebx Correct! mov edx, 20h push edx mov ecx, 10h push ecx pop ebx ✓ pop edx mov ecx, 10h mov edx,20h push ecx push edx pop ebx pop edx Correct! mov edx, 20h push edx mov ecx, 10h push ecx pop ebx ✓ pop edx

Question 23 1 / 1 pts

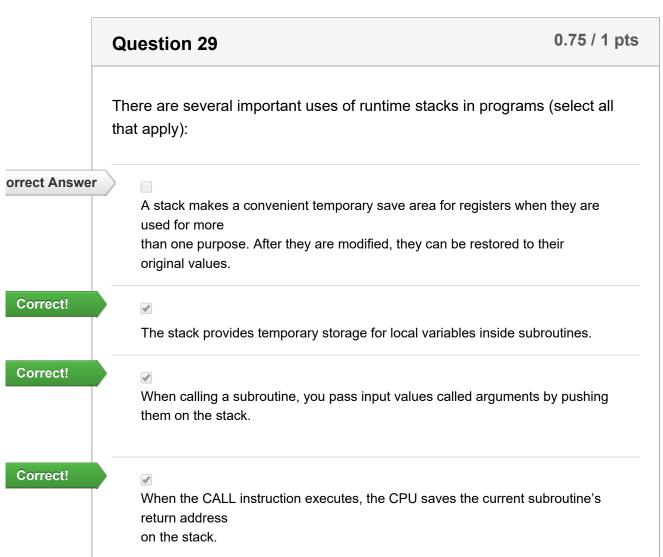
	A/An procedure call occurs when a called procedure calls another procedure before the first procedure returns.	
Correct!	nested	
	inner	
	little	
	cointained	
]
	Question 24 1 / 1 pts	
	Which library procedure generates a 32-bit pseudorandom integer in a caller-specified range?	
Correct!	RandomRange	
orrect Answer	RandomRange	
	Table 5-1	
		_
	Question 25 1 / 1 pts	
	The USES operator, coupled with the PROC directive, lets you list the names of all registers modified within a procedure.	
Correct!	True	
	False	





Question 28 1 / 1 pts The instructions used to manipulate the ESP regieter are (select all that apply):

Correct!	✓ RET
Correct!	PUSH
	□ INC
Correct!	
	JMP
	DEC
	JNE
Correct!	POP



	Question 30	1 pts
	By default, labels are visible only within the procedure in which they are declared.	÷
Correct!	True	
	False	

Quiz Score: 29.75 out of 30