reverse engineering

**assessment questions**

Lesson 04 – Assembly for re

*Learning Outcome 1*

How can a program reference the upper 8-bits of the lower 16 bits of EAX?

**AH**AL  
AX  
RAX

When performing a copy operation, the two most likely registers used would be:

**ESI/EDI**EAX/EBX  
EAX/ECX  
ECX/EDX

*Learning Outcome 3*

The PUSH instructions \_\_\_\_\_\_\_\_ the stack pointer.

**Decrements**Increments  
replaces  
copies  
  
Given the following series of instructions, how would the function reference the first argument. Assume the CDECL calling convention.

*push 0x01  
push 0x02  
push 0x03  
call someFunction  
add esp, 0xc*

**[ebp + 0x8]**[ebp + 0x4]  
[ebp + 0xC]  
[esp + 0x0]