9/22/15 Pre-Class Work

* Required

Harvard email address: *

Please indicate which course you are taking. *

- CS61 (College)
- CSCIE-61 (Extension)

Introduction to Assembly

Expressing looping constructs in assembly requires flow control instructions. *

- True
- False

If we didn't have registers, programs would run more slowly than they do now. *

- True
- False

Assembly language is designed for people (not machines)? *

- True
- False

Assembly language is the same as machine code. *

- True
- False

What do you suppose %bh contains: *

- Exactly what %ah contains
- The lowest byte of register %ebx
- The second lowest byte of register %ebx
- The third lowest byte of register %ebx
- The fourth lowest byte of register %ebx
Instructions to move data around, perform arithmetic operations, and perform logical operations.

A function's return value should be placed: *

- in %eax 
- in %ebx 
- in %cl 
- in %esp 
- on the stack

Arguments to a function are passed: *

- on the stack 
- in registers 
- in memory referenced by %eax 
- None of the above

A function has 3 arguments. When the function begins, you can find the first parameter at: *

- %eax 
- 12(%esp) 
- 8(%esp) 
- 4(%esp)

The intel instruction addl %eax, %ebx is best described by: *

- %eax = %eax + %ebx 
- %ebx = %ebx + %eax 
- pushd(%eax + %ebx) 
- pop (%eax+%ebx)

The C expression %eax = %ebx is best described by: *

- movl %eax, %ebx 
- movl %ebx, %eax 
- addl $0, %ebx 
- pushl %eax

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