* What is RSP?
* What is EIP?
* Describe the relationship between RAX, EAX, AX, AH, and AL
* What is a stack frame?
* How would you print 6 hex bytes from a location pointed to by a memory address in RSI using GDB?
* How big is a dword?
* Assuming both values are signed, what would the result of the following addition be:

11111 + 00110 = ??

* After the following set of operations, what value is stored in ECX?

push ebp

mov ebp, esp

mov ecx, 0xf00d

push ecx

xor ecx, ecx

inc ecx

inc ecx

and ecx, 2

pop ecx

pop ebp

* After the following set of operations, what value is in RAX?

xor rax, rax

mov al, -1

* How about after this set?

xor rax, rax

movsx al, -1

* What will the result of this set of operations be? Are there any potential problems?

push 10

push 20

push rsi

pop rax

pop rcx

sub rsp, 8

* How about this one?

push rbp

mov rbp, rsp

sub rsp, 13

* Describe some ways to set breakpoints in assembly code
* What are some potential issues with the following snippet of code:

mov rax, 10

mov rcx, 2

div rcx