Administrative Stuff

- Bit ops assignment due **Wednesday, Friday at 10 AM**
- Assignment 5
  - gdb exercise
  - practice problems
- Assignment 6
- Quiz 3 Tuesday, October 11
  - could cover anything we’ve done up to and including Tuesday, October 4
- Midterm Tuesday, October 18
print nybbles

told Sang either binary or decimal is fine
Last Time

- practice problems
  - signed overflow
  - unsigned overflow
  - programming problems
    - one requiring a `malloc()`
    - reversing an array using pointers and not the `[ ]` operator
Today

- gdb
- structs
  - review of basics
  - assignment statement
  - copying to functions
  - returning from functions
  - pointers to structs
  - passing a pointer to a struct
    - change what’s referenced
    - change the reference
  - structs that contain pointers
  - memory allocators (maybe)
Fake Quiz

Write a function which is passed a pointer to an unsigned int x. The function reverses x’s byte order. For example, if x is 0x01234567, after the function it’s 0x67452301.

Your function should not assume anything about the number of bytes in memory occupied by an integer.
gdb