

Please take a seat with some space in between you and the next person. Put everything away except for a writing utensil.

# 161-01

## Integer Representation

Wednesday September 25

# Agenda

0. Quiz
1. Announcements
2. Discussion
3. Lab

# Quiz

Please put everything away  
except for a writing utensil.



# Announcements

More token  
events?

Exam Review  
Questions

# Discussion

## Binary Representation of Integers in C

1. What is the binary (base 2) representation of the decimal (base 10) number 13?
2. What is the decimal (base 10) representation of the binary (base 2) number 00110011?
3. What are the three representations of negative integers? Which one does C use?

# Discussion

Things you need to know for the exam

- Conversion between decimal and binary integers
- Negative integers in all formats
- Addition of binary numbers
- Information about memory. i.e. what is the largest number we could represent with 8 binary bits?

Lab



# Wrap up

For next time:

- Reading is posted on the webpage

