

161-01

Floating Point Representation

September 27, 2024

Agenda

0. Quiz Feedback

1. Announcements

2. Discussion

3. Lab

Quiz feedback



Announcements

- Get in Homework 3 if you haven't already
- Lab Report 3 is due on Monday before class
- Exam next Wednesday
 - in class, on paper, 6 questions
 - you may prepare one sheet (regular size) of paper with notes to use during the exam
 - on Monday, ask me questions about the practice problems
 - on Tuesday, go to the mentor session

Discussion

Floating Point Representation

1 10001011 011000000000000000000000

1. What do each of the 3 pieces in the number above represent?
2. Transform that binary number above into a decimal number.

Discussion

Floating Point Representation

Together, let's change the number 71.5 into binary

Any other
questions about
the reading?

Lab



Wrap up



For next time:

- No reading/lab for Monday
- Instead: study for the exam,
bring your questions to
class