

COMP1521 Week 5 Lec 1

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Announcements and Reminders

Lab 4 Lab Due: Today midday

Week 4 Test Due: Thursday 21:00:00

Week 5 Lab Due: Monday Week 7

Assignment 1 Due: Friday 18:00

Help Sessions [Schedule](#)

Where to Find these slides and feedback forms

Echo live stream chat

Overview

Bitwise operators

- Recap
- More programming examples

Floating Point Representation

- Crucial for working with numerical computations in computing
- Understand the limitations of the types



Recap Questions

1. Assume mask = 2. What effect do the following have?
 - $y | \text{mask}$
 - $x \& \sim \text{mask}$
3. What do the following equal
 - $x \& \sim x$
 - $x | \sim x$
4. Does $(x \gg 2) \ll 2 == x$ (Assume x is unsigned)
5. What does $y \wedge y$ equal?

Please give Lecture Feedback



<https://forms.office.com/r/fscGSR9Jhd>

If you have any feedback or thoughts about today's lecture, please follow the link below. Please remember to keep your feedback constructive, so I can use it to improve the learning experience.