

Lecture 11 Outline

Reading: White, §24–27

Assignments due: Lab #5 (“Building a Simple Web Page”) due Feb. 8 at 11:55PM

Midterm on Feb. 10 in class

“Spew” paper due Feb. 17 in class

1. Greetings and felicitations!
 - a. Midterm is next class meeting, two days from today
 - b. Today, Phoebe Ayers from the Library will give a session on library research—then we will finish networks!
 - c. Review session at 3:10PM–4:00PM in 230 Wellman *today*
2. Moving messages around a network
3. How email works
 - a. SMTP
 - b. POP, IMAP
 - c. MIME
4. Interlude: Binary and hexadecimal
 - a. Numerical bases
 - b. Binary (base 2) to decimal and vice versa
 - c. Binary arithmetic
 - d. Hexadecimal (base 16) to decimal, binary, and vice versa
 - e. Why hex?
5. Sharing files on the Internet
 - a. Client/server vs. peer-to-peer
6. Chatting on the Internet
7. Instant messaging (IM)
8. Streaming audio
9. Streaming video