

Week 7

- Discussion of test
- Announcements
 - 2 assignments this week
 - Homework 3 and Lab 4
 - Due next Monday
 - Monday last lecture before spring break
 - No assignments over spring break
- Access Networks allow us to connect to the core of the network
 - Company access
 - Local area network(LAN)
 - Access point – router allows you to use wireless access network to connect to internet
- Physical media
 - Twisted pair – two insulated copper wires
 - Coaxial cable – two concentric copper conductors
 - Fiber optic cable – glass fiber carrying light pulses with each pulse equivalent to one bit
 - Radio – signal carried in electromagnetic spectrum
 - link types
 - Terrestrial microwave
 - LAN
 - Wide-area
 - Satellite
- Internet structure
 - Roughly hierarchical
 - At center – national/international coverage
 - Tier 2 – smaller (often regional) ISPs
 - Tier 3 – local ISPs
- Style sheets
 - New website
 - Add webform
 - In head section `<style type="text/css"> h1 {font-size:100px;}`
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