# CSE and EE 461
# Lecture 3

Autumn Quarter 1997



## World Wide Web

- The Web was created in 1989 at CERN, the European center for nuclear research
- Mosaic was the first nice graphical Web browser. Its successor is Netscape. Now there are many more.
- The Web consists of web pages distributed all over the world
- A web page is a hypertext document that has hyperlinks to reach other web pages
- There are other facilities on the Web such as mail, file transfer, news and so on.



## Uniform Resource Locator (URL)

- A URL is the address of a web page or other resource.
- Example: http://www.cs.washington.edu/education/courses/461
- There are three parts

  - http - protocol used HyperText Transfer Protocol
  - www.cs.washington.edu - Domain name of the computer
  - education/courses/461 - directory or file to be displayed
    if directory, then index.html is the file chosen to be displayed
- Other protocols are

  - ftp - file transfer
  - news
  - mailto
  - telnet - remote login



## HTML

- HTML stands for HyperText Markup Language
- This is the language that web pages are made of
- Markup vs. WYSIWYG

  - Markup explicitly layouts the text using commands, but with HTML don't worry about page widths and lengths and other feature peculiar to paper documents.

  - WYSIWYG is what we are used to
- Lets look at some examples