EECS10 Discussion Week1

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Course Overview

- Course website: **https://eee.uci.edu/10f/18010/**
- Course Communication
  - **eecs10@eecs.uci.edu** (Administrative questions)
  - **Course Messageboard** (Homework and/or lab related questions)
- Some tips
  - Assignments
    - **The deadline is strict.** (Monday at noon (12pm))
    - Hand-on experience is the key to master programming.
    - Send homework early (multiple times, send something)
  - Exams
    - 2 mid-term, 1 final (Be ready for it, exam comes quickly)
- What will we do in discussion section?
  - Recap the lecture
  - Discuss the homework
  - Q & A

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Getting Started

- Log into the server
  - Use a terminal with SSH protocol (secure shell)
    - Windows: putty (demo), OpenSSH, cygwin
    - Macintosh: built-in ssh client
  - Connect to an EECS server
    - malibu.eecs.uci.edu
    - vivian.eecs.uci.edu
    - newport.eecs.uci.edu
  - Authorize yourself with user name and password (password will not be shown explicitly on the screen)
- Work in the Unix system environment
  - Unix shell prints command prompt awaiting input
  - Type in system commands
    echo, date, ls, cat, man, more,
    pwd, mkdir, cd, cp, mv, rm, rmdir
  - Refer to manual pages or google for help on commands

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Unix System Environment

- Unix Working Environment: Texture based
- Text editing
  - **vi** standard Unix editor
  - **vim** vi-improved (supports syntax highlighting)
  - **pico** easy-to-use text editor
  - **emacs** very powerful editor
  - many others...
- Pick one editor and make yourself comfortable with it!

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Assignment 1

- Include header files
- Build main function
- Function for console output: printf(…)
- Demonstration: a simple program
- How to compile the source code:
  - gcc –ansi –Wall sourcefile –o targetfile
  - gcc –ansi –Wall helloworld.c –o helloworld
  - gcc –ansi –Wall initials.c –o initials

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A simple program

- Submit your homework:
  - Goto the parent directory of hw1
  - To submit,type: /ecelib/bin/turnin
  - To verify your submission, type: /users/ugrad/2004/fall/ eecs10/bin/listfiles.py
  - To record the script:
  script
  …do something…
  exit

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