EECS10 Discussion Week0

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Office Hours: Fri, 8:00-9:00am EH 3404

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Course overview

Course website: https://eee.uci.edu/18f/18005

- Course communication
  - eecs10@eecs.uci.edu (Administrative questions)
  - Course Messageboard (Homework and/or lab related questions)
- Some tips
  - Assignments
    - The deadline is strict (Wednesday at 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

Getting Started

- Log into the server
- Use a terminal with SSH protocol (secure shell)
  - Linux: SSH (demo)
  - Windows: putty, OpenSSH, cygwin
  - Mcintosh: built-in ssh client
- Connect to an EECS server
  - bondi.eecs.uci.edu
  - crystalcove.eecs.uci.edu
  - laguna.eecs.uci.edu
  - zuma.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

Unix System Environment

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

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

A simple program

Submit your homework:

- Goto the parent directory of hw1
- To submit, type: ~eecs10/bin/turnin.sh
- To verify your submission, type: ~eecs10/bin/listfiles.py
- To record the script:

script
...do something...
exit