CS 241
Section Week #3

9/7/11

Topics This Section

- MP2 overview
- printf() / scanf() example
- fork() / exec() / wait() ➜ system() example

MP2

- Simple Unix shell
- Built-in commands
  - Change directory
  - Termination
  - History
- Non built-in commands
- Error handling
- Concepts: process, fork, exec, wait, system

Read the command from stdin

- Let's look at 1.c

Running Non Built-in Commands

- Requires a new process to run the binary
  - fork() creates a new process
  - exec() runs executable
  - wait () makes the parent wait for the child to finish

- Instead of fork + exec + wait, we use system()