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()