Computer Systems Architecture I

CSE 560M
Lecture 22
Prof. Patrick Crowley & Shakir James
Plan for Today

• Questions

• Announcements
  – Project report due Dec 7th
    • Bring hardcopy to class, AND
    • Send to Patrick & Shakir via email
  – Please complete a course evaluation:
    • evals.wustl.edu

• Today’s discussion
  – Semester’s End
  – Thoughts on Final Exam
  – Measuring Performance: Valgrind Tutorial
  – Semester in review
Semester’s End

• Today is our final lecture

• Come to class on Monday, Dec 7
  – Turn in final report hard copy
  – Pick up final exam

• Final exam due to me via email by 4pm on Dec 14
Final Exam

• Take-home exam, should take you a few hours

• Follow instructions closely!
  – Send me your questions

• In particular, do not:
  – Work with others
  – Discuss with others
  – Use resources that are not listed on the exam

• I am trusting that you will not break these rules
Measuring Performance
Course in Review

• In this class, you have
  – Read much of the 600+ page text
  – Read and critiqued 4 important research papers
  – Created 2 YouTube-based video presentations
  – Modeled a simple unpipelined processor
  – Specified, designed, presented, programmed, analyzed, and modeled a pipelined, multithreaded microprocessor
Assignment

• Monday Dec 7: Final project report due
• Monday Dec 14: Final exam due

• Readings (Highly recommended!)
  – Structure and Interpretation of Computer Programs
    • Abelson & Sussman
  – Linear Programming and Extensions
    • Dantzig
  – Introduction to Applied Mathematics
    • Strang