Introduction to Database Systems
CSE 444

Lecture 27: Wrap-up
Reminder About the Final

• Open book and open notes
  – But you won’t have time to read during final!
  – No laptops, no mobile devices

• Topics: Lectures 1 through 26
  – But somewhat more on topics from the 2\textsuperscript{nd} half of the course starting with database implementation
  – No ER diagrams and no FDs. (no lectures 5-7)
  – Minimal, if any, transactions/serializibility
  – No Pig Latin (no lectures 22 and 23)
Review Advice

• Review the lectures mentioned in previous slide

• Review hw2 and hw3

• Review project 1, project 3, and project 4
  – But no Pig Latin on final!

• Practice sample finals posted on website
What We Have Learned in 444

• How to use a DBMS as a:
  – Data analyst: SQL, SQL, SQL,…
  – Application programmer: JDBC, XML,…
  – Database administrator: tuning, triggers, security
  – Massive-scale data analyst: Pig/MapReduce

• How DBMSs work:
  – Transactions
  – Data storage and indexing
  – Query execution

• Databases as a service
Where to Go From Here?

• Seek hands on experience
  – Experience using & building DBMSs
  – Internships, research projects, open-source projects
  – Check-out 544 assignments 2 and 3

• Read more about DBMSs
  – Other chapters in our book
  – Other chapters in Ramakrishnan & Gehrke book
  – Readings in DBMS book
  – Proceedings of SIGMOD, VLDB, ICDE, CIDR

CSE 444 - Autumn 2009
Hope you had a great quarter!