

# Introduction to Database Systems

## CSE 444

### Lecture 27: Wrap-up

# XML Practice Exercises

- On the board
- Please take notes

# 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
  - No ER diagrams and no FDs. (no lectures 5-7)
  - 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



Have a Great Summer!!!