

CMSC 424 – Database design
Lecture 9
Normalization

Mihai Pop

Administrative

- SQL assignment questions – Sharath
- Project – please pair up – submit pairs by Monday, March 4.
- For midterm – chapters 1-4, 6
- Anything you'd like me to go over now?

Accessing databases from software

- Embedded SQL (special commands within C, Java, etc. code)

SQL APIs

- ODBC
- JDBC
- Perl::DBI
- Ruby on Rails

Basic protocol

- connect to server
- run SQL commands – tuples returned as cursors/iterators (allows you iterate over each tuple in result table)
- disconnect from server

- Read chapter 4!!! You'll need this for project.