

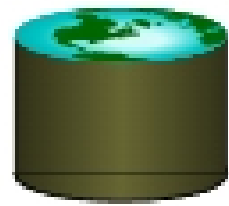
# Functional Dependencies and Normalization

R&G Chapter 19  
Lecture 26

Science is the knowledge of consequences, and dependence of one fact upon another.

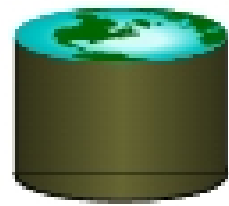
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(1588-1679)





# Administrivia

- **Homework 5 available**
  - Due a week from next Tuesday
- **Final exam 4 weeks from yesterday**



# Homework 5: A Web Application

- **In the beginning, web sites were only files**
  - Web site reflected file system
  - Documents were static, usually HTML
- **Then came dynamic web applications**
  - Generate HTML on the fly
  - Used CGI-Bin, Java servlets, executing code to emit HTML
  - Often programming code embedded in HTML
- **Most websites today are dynamic, web apps**
  - Involve a programming language, and some kind of repository for holding information, i.e., a database.