IT4300/CS4307 Introduction to Databases

Spring 2017

- Syllabus
- Schedule and outline
- Assignment submission/grading (login required)

Instructor

- Dr Bob Nielson

Textbook

- SQL: Database Programming by Chris Fehily, ISBN: 1937842312 (recommended)
- Book Site

Resources

- Animated database courseware
- Code Academy-SQL
- Code Academy-Business Metrics
- SQL Quiz
- SQL Course
- mySQL documentation
- Test Reviews
  - SQL1 SQL2
  - WidgetSales Database
  - Relational Divide
  - Jobs Database

Notes

- Design (Normalization) Part 1 Part 2 Bob Diagrams
- MySQL Installation on virtual Machine LAMP Installation
- Retrieving *Chapter 4
- Functions *Chapter 5
- Aggregate Functions and Subtotaling *Chapter 6
- Joins Chapter 7
- SubQueries Chapter 08
- Set Operations Chapter 09
- Inserting / Updating / Deleting Records Chapter 10
- Creating / Altering / Dropping Tables SPI import Books import
- Indexes Chapter 12
- Views Chapter 13
- Transactions Chapter 14
- Tricks Chapter 15