

# Introduction to Structured Query Language (SQL)

## Week 1: Installing PHP and SQL

### "The Missing Link" Textbook Chapter: 1, 3, 4, 37, 39, 41

#### Installation Handouts

In this page, you will install a programmer text editor, install a bundled all-in-one PHP/MySql application, and explore that application briefly.

We have separate pages for each of the commonly used Operating Systems:

You can use any software you like - I d most of my demos using MAMP on the Macintosh so using MAMP might be easier on Windows. If you encounter a problem getting MAMP to work on Windows, it is OK to use XAMPP.

Note - You only need to install one of MAMP or XAMPP. Do not install both as they use the same port settings. They are both all-in-one installers for the same thing - Apache Web Server, MySQL, PHP, phpMyAdmin.

## Week 2: Introduction to SQL

### "The Missing Link" Textbook Chapter: 37, 39, 41

#### Assignment Resources

- [SQL Handout](#) (Week 2 Basic SQL Operations)

#### Slides & Embedded Links

02-Intro-to-SQL.ppt

02-Intro-to-SQL.pdfPDF File

- [Elizabeth Fong: Creating the SQL Database Standards](#)
- <http://dev.mysql.com/doc/refman/5.0/en/string-functions.html>
- <http://dev.mysql.com/doc/refman/5.0/en/date-and-time-functions.html>

## Week 3 & 4: Database Design & Many-to-Many

### "The Missing Link" Textbook Chapters: 38, 40, 42

#### Assignment Resources

- [SQL Handout](#) (Week 3 Building a Physical Data Schema)

#### Slides & Embedded Links

03-04-Database-Design-Many-to-Many.ppt

03-04-Database-Design-Many-to-Many.pdfPDF File

- [www.tsugi.org](http://www.tsugi.org)
- [www.sakaiproject.org](http://www.sakaiproject.org)